NAURUAN DEMONSTRATIVES

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1. Introduction

This is a text-based study of an aspect of Nauruan grammar that relies on publications in Nauruan dating mainly to the first half of the 20th Century, and re-analyses the description of the demonstrative system as described in Kayser's 1936 *Nauru Grammar*, with extensive examples from the 1918 Bible, the 1976 New Testament and other written sources. Also consulted were Lisa M. Johnson's "Nauruan Classifiers" (2002) and Kevin Hughes' "The Synchronic and Diachronic Phonology of Nauruan: Towards a Defifinitive Classification of an Understudied Micronesian Language" (2020). Any developments in contemporary Nauruan are only briefly touched on as it is not within the scope of the present study. The conclusions arrived at in this study differ from the conclusions arrived at by Kayser, Johnson, and Hughes in a number of respects.

With the passing away of the WWII generation, Nauruan has been undergoing change. The complex demonstrative system that was current in the first half of the 20th century has undergone simplification in that many of the classifiers related to traditional Nauruan culture and as these traditional aspects of culture have fallen into disuse, so have the classifiers. Johnson noted this is her 2002 work. Those members of the community who have access to and read the Nauruan Bible (published in 1918) and the Testament Etimeduw (New Testament, published in 1976) will have exposure to the system described here.

It is to be noted that the Nauruan reflected in the 1918 Bible and the 1976 New Testament and the language material presented in the 1936 *Nauru Grammar* are taken as valid representations of different registers of spoken Nauruan during the first half of the 20th Century.

The 1918 Bible was a culmination of 19 years of translation work by the American Protestant missionary Philip Adam Delaporte whose mother-tongue was German, having been born in Worms, Germany. Delaporte arrived on Nauru in 1899 and set about learning Nauruan and was helped in his translation endeavours by a number of Nauruans, notably Timothy Detudamo (later Head Chief of Nauru), Jacob Aroi (later Pastor and educator), and Deireragea (later Chief of Anibare District).[1] Apart from short periods of furlough, Delaporte was resident on Nauru from 1899 until he was excluded from returning to Nauru in 1915 while on furlough in the U.S.A. as he was viewed as a German sympathizer. He was in the U.S.A., along with Timothy Detudamo, to complete the translation work and to arrange for the printing of the Bible in the U.S.A.

he 1976 New Testament is attributed to the Roman Catholic missionary Alois Kayser, who served as a missionary to the Nauruan people between 1902 and his death due to mistreatment by Japanese military authorities in 1944. He was absent for a brief period during WWI when he was required to leave Nauru by the Australian occupying forces as he held a German passport – Nauru having been a German colony between 1888 and 1914. As an Alsatian, his citizenship status was German until 1918, then, when Alsace-Lorraine reverted to French control, he became a French citizen. He was recognized as an expert on the Nauruan language and all things Nauruan. His is the 1936 *Nauru Grammar* (apparently handed to the Nauru Administration in 1937).[2] On the basis of Aloys Kayser having died in 1944, I am of the mind that the 1976 New Testament was actually ready for publication prior to the occupation of Nauru by the Japanese in 1942.

There is uncertainty about the dialect situation on Nauru prior to German annexation. What is known is that in pre-colonial days there were two alliances, splitting the island into a northern alliance centered on Ewa (which included at the time what are now Nibok, Uaboe, Baitsi,

Ewa, Anetan, Anabar, Ijuw, and half of Anibare districts), and a southern alliance centered on Meneng (which included at the time what are now half of Anibare, Meneng, Yaren, Boe, Buada, Aiwo, and Buada districts), while Denigomodu usually allied itself to Buada. Whether this split was also manifested in a dialectal way is not known. [3]

It is of interest that Delaporte set up his mission in the pre-colonial southern alliance area (Orro hamlet being situated in present day Boe district), while the Catholic mission that Kayser joined was located in the pre-colonial northern alliance area (Ana hamlet being situated in present Ewa district). So, if there were dialectal peculiarities based on the pre-colonial alliance areas, these may have been reflected in the Nauruan of Delaporte and Kayser.

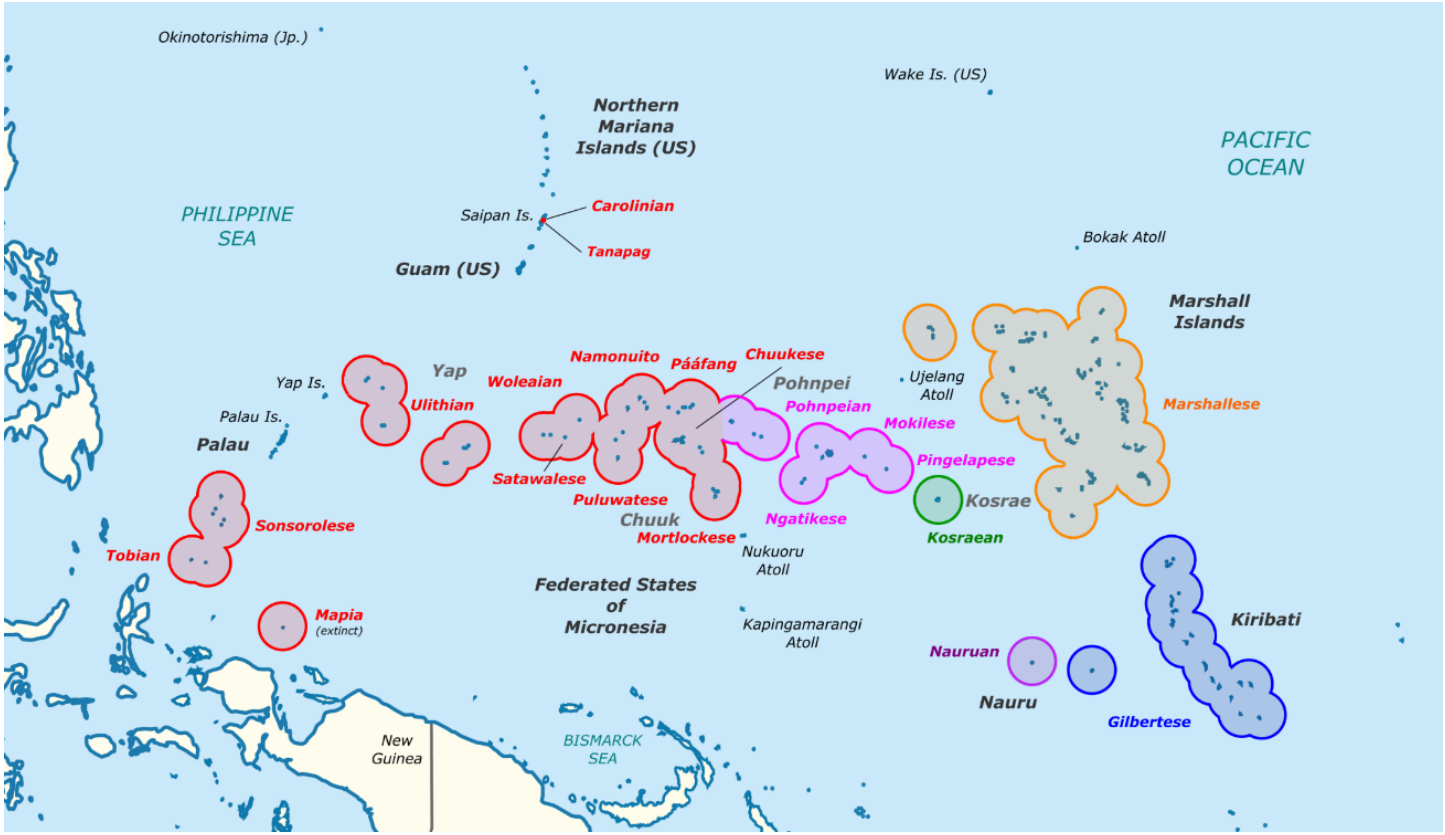
With the passing away of the WWII generation, Nauruan has been undergoing change. The complex demonstrative system that was current in the first half of the 20th century has undergone simplification in that many of the classifiers related to traditional Nauruan culture and as these traditional aspects of culture have fallen into disuse, so have the classifiers. Johnson noted this is her 2002 work.

The Nauruan language itself is recognized by linguists as being a divergent member of the Micronesian language family – itself a division of the Oceanic Group within the extensive Austronesian language family. [4] As far back as 1986, Frederick H. Jackson intimated that both Nauruan and Kosraean were the earliest outposts of what became the Micronesian language family. [5]

Nauru is a small island of circa 21 square kilometers (8.1 square miles) almost straddling the Equator in the Western Pacific. Until German annexation in 1888 Nauru was a sovereign polity, although it had had a small number of European/American residents of various moral propensities from the 1830s.

The first census taken by the German Imperial authorities enumerated 1,294 islanders. However, the population prior to European contact would have been significantly greater. Paul Hambruch in his work on Nauru in 1910 (Ergebnisse Der Südsee-Expedition 1908-1910: II. Ethnographie: B. Mikronesien, Band 1: Nauru, 1 Halbband. Hamburg: L. Friederichsen & Co., 1914, pages 59 – 62) obtained the names of some 169 hamlets (homesteads), 40 of which were uninhabited in 1910. So, the pre-contact population may have been nearer 2,500 during draught free periods and barring natural disasters like tsunamis or cyclones. Like all of the Pacific islanders, the population collapsed with the introduction of influenza varieties unknow to them, as well as Measles and Smallpox. Similar stories of population collapse have been recorded for the Iles Sous-le-Vent in the the Society Islands (100,000+ down to 8,000 in a fifty year period); the Marquesas Islands (circa 100,000 down to 12,000 in a fifty year period; Hawai'i (300,000+ down to 190,000 in a fifty year period) (see Sodter, F. 1993. L' Histoire Démographique. Atlas de la Polynésie Francaise. Institut français de recherche scientifique pour le développement en coopération; Robert C. Schmitt. 1971. New Estimates of the pre-Censal Population of Hawaii. The Journal of the Polynesian Society Vol.80, No. 2.)

Map 1. Map of Micronesian Language Family (https://commons.wikimedia.org/wiki/User:Tyk)



2. Current Status of Nauruan.

The Nauruan language is confined to the island of Nauru (an independent republic since 1968), though there are small communities of Nauruans in neighbouring countries (Australia, Fiji, New Zealand among others).

No mention of the Nauruan language is made in the Constitution of Nauru (1968), but, as Xavier Barker has noted:

"….it appears to have become the *de facto* official language in government, the media and education without any legal support".
(Barker, Xavier. 2012. English Language as Bully in the Republic of Nauru. In: English Language as Hydra: Its Impacts on Non-English Language Cultures , Rapatahana, Vaughan and Pauline Bunce (editors). Volume 9 of Linguistic Diversity and Language Rights)

Concerns exist that the lack of state sponsorship and the lack of Nauruan language classes in the schools is threatening Nauruan, as well as the possibility of the creolization of Nauruan through English. See the May 25, 2021 article at https://www.loopnauru.com/nauru-news/workshop-preserve-nauruan-language-100614

The following figures are taken from the "National Report of Population and Housing – Census 2011".

At the time of the 2011 census, the population of Nauru was 10,084.

According to the 2011 Census, 93% (circa 9,300) of the population of Nauru gave Nauruan as the language of the home.

Although 66% of the population were enumerated as able to speak English, only 2% of the population gave it as the language of the home.

The 2011 Census also revealed that 6% could speak Kiribati, 2% some form of Chinese, although these languages were not necessarily the language of the home.

95% of the population of those 5 years and older were enumerated as able to speak Nauruan.

The population is projected to peak mid century at 11,000, with a steady decline until the end of the century, with a 2100 estimate of circa 5,800 (UN World Population Prospects 2019).

3. Phonetics.

The most recent study in Nauruan phonology is by Kevin Hughes (The Synchronic and Diachronic Phonology of Nauruan: Towards a Defifinitive Classifification of an Understudied Micronesian Language, 2020) and he indicates 7 vowel phonemes.

Table 1. Nauruan Vowels in IPA (adapted from Hughes 2020:15).

	Front	Central	Back
High	i	ɨ	u
Mid	e	[ʌ]*	o
Low	æ	a	

* Hughes 2020 uses the IPA symbol [ɐ] for [ʌ]. He considers it to be an allophone of /a/.

The Consonant inventory allows for at least 23 phonemes.

Table 2. Nauruan Consonants in IPA (adapted from Hughes 2020:15).

	Bilabial	Alveolar	Palatal	Velar
Stop	pʲ bʲ pˠ bˠ	t d tʃ dʒ		k g kw
Nasal	mʲ mːʲ mˠ mːˠ	n		ŋ
Glide			ɻ j	w
Rhotic		r ř		

3.1. Description of Consonant Phonemes.

The following description of Nauruan consonant phonemes has been adapted from Hughes 2020:16–100.

/p^j/ voiceless palatalized bilabial stop

[p] before /i/ and /e/

intervocalic lengthening

/b^j/ voiced palatalized bilabial stop

[b] before /i/ and /e/, and word-final

intervocalic frication possible [β, $β^j$]

phrase final [p]

/pˠ/ voiceless velarized bilabial stop

[p] before /o/ and /u/, and word-final

velarization optional before the central vowels /a/ and /ɨ/

intervocalic lengthening

/bˠ/ voiced velarized bilabial stop

[b] before /o/ and /u/

[p] in phrase-final position

velarization optional before central vowels /a/ and /ɨ/

/t/ voiceless apical stop

intervocalic lengthening

/d/ voiced apical stop

[t] in phrase final position

/tʃ/ voiceless palato-alveolar affricate

only before /i/

/dʒ/ voiced palato-alveolar affricate

only before /i/

/k/ voiceless velar stop

Intervocalic lengthening

/g/ voiced velar stop

[k] in phrase final position

can surface as [ɣ] intervocalically

/kʷ/ voiceless velar stop, secondary labialization

/mʲ/ palatalized bilabial nasal

[m] before /i/ and /e/, and word final

/mːʲ/ geminate palatalized bilabial nasal.

[mː] before /i/ and /e/, and word final

/mˠ/ velarized bilabial nasal

[m] before /o/ and /u/ and word final

velarization optional before central vowels /a/ and /ɨ/

/mːˠ/ geminate velarized bilabial nasal

[mː] before /o/ and /u/

velarization optional before central vowels /a/ and /ɨ/

/n/ apical alveolar nasal

/ŋ/ velar nasal

/w/ rounded labiovelar glide

/j̟/ palatal consonant with light to moderate frication which is variably absent; [j̟] ~ [j]

/j/ palatal approximant

/r/ alveolar trill

fortis trill /ř/

3.2. Some Observations of Sound Changes in Nauruan during the 20th Century.

There are several sound changes and changes in syntax that have occurred in Nauruan since the first half of the 20th Century, which may be due to the influence of English and/or the unfortunate loss of many of the language gatekeepers during the 2nd World War. [6] The governments of Nauru since 1945 have not fostered the development of Nauruan as a literary medium, nor is it taught in Nauruan schools.

Among the changes are:

1. The 'monophthongization' of the dipthongs [ai, ae] to [e]: i.e.

   'aiquen', one > ekwen

   'aiju', three, > e̯ju

   'aijimo', five > e̯jimʲo

   'aeiu', seven > eiju

   'ngain', his/her child > ngen

2. The raising of vowels, example:

   ‘eõ [eʌ]’ , ‘not’ > ia [iʌ]

3. ‘-ow’ is simplified to /-o/, example:

   ‘miow’, fear > mʲio [mio]

4. between high vowels, /j/ (which represents the palatal glide) is moving towards a fricated allophone, [ʝ]: e.g. ‘aijimo’, ‘five’ > ‘ejimo’, > ‘eʝimo’. Already in pre-contact Nauruan /j/ had a fricated allophonic variant in certain environments (see NG2) - this is spreading.

5. The diphthongs [ia, io, iu] which normally represented an intial non-syllabic vowel glide [i̯a, i̯o, i̯u] have drifted to [ja; jo; ju]; its sound varies from /j/ to the fricated sound [ʝ], which is gaining the upper hand: e.g.

   ‘ian’, ‘in it’ > [jan/ʝan]

   ‘ion’, ‘an, a’ > [jon/ʝon]

   ‘iut’, ‘Guettarda speciosa’ > [jut/ʝut]

   ijõñ, below > ʝaŋ [ʝʌŋ]

6. /t/ before the high vowel /i/ represents a voiceless affricate [ts], which in contemporary Nauruan has moved towards a voiceless palato-alveolar affricate [ʧ]. /d/ before the high vowel /i/ is the voiced counterpart, [dz], now moving towards [dʒ].

7. The fortis rhotic, which is represented by the glyph /ř/ in Hughes, in contemporary Nauruan appears to be merging with the usual rhotic /r/ in a number of speakers (see Nathan 1973.1:6,7; Hughes 2020:23, 97-100).

8. An instance mentioned by Hughes (Hughes 2020:80) is the confusion on the role of denasalization in the language. Although not all of the rules for denasalization have been ascertained from written records, denasalization usually occurs when a word-final /n/ is followed by a high vowel. However, it has been observed in contemporary Nauruan that word-final /n/ is being regularly denasalized to /t/, to the point that many are uncertain when a final /n/ should be pronounced with a final /t/; this alternation was not observed in Nauruan during the first half of the 20th Century. It seems to have been present to some degree by the 1970s as Nathan makes an interesting observation (Nathan 1973.1:5) :

   "In word-final position there exists a set of nasal phones whose phonemic identity has not yet been entirely established. They are 'prestopped nasals' [^{b}m] and [^{d}n]…[^{d}n] I have no explanation, except that it may somehow be connected with a morphophonemic alternation between /n/ and /t/."

This obervation by Nathan may be part of the explanation for denasalization.

It could be that in an earlier stage of Nauruan, pre-stopping of /n/ (giving /^{d}n/ began to develop intervocalically at word boundaries, but only where the following word began with the high vowels /i/ and /e/ . The pre-stopping then developed into the denasalization process observed during the first half of the 20th Century.

Using this hypothesis, a phonological process that took place in an earlier stage of Nauruan may have looked like this:

ben imin weta > be^{d}n imin weta > bet imin weta

[the wing of a bird, literally: hand of thing it flies]

While occuring before the nominal prefix/absolute marker, the denasalization of /n/ to /t/ is not present before all high vowels. For instance, denasalization is not recorded when a word-final /n/ is followed by the initial high vowe /i/ of the locational adverbs *'ine/ina/ /ino'*, 'here,there,yonder'.

With the spread of denasalization in word-final position by analogical levelling, the syntactic reasons for the process are becoming blurred, causing confusion in the minds of the younger cohorts of mother-tongue speakers.

4. Orthography.

Nauruan does not at present have an official orthography, so citations are mainly given in the writing system of the original source. Although an official orthography was gazetted in the official gazette of Nauru (No.47 of 5th November 1938), it has never been implemented.

There have been several orthographies that have been used to write Nauruan. Among these are:

1. Orthography used by Paul Hambruch in his studies on Nauru in 1910.
2. Orthography used by Aloys Kayser in his 1915 “Nuwawit testament obwe me etsimeduw”
3. Orthography used in the 1918 Bible and related Protestant texts.
4. Orthography used by Aloys Kayser in the journal “Anthropos” and related journals.
5. Orthography used by Aloys Kayser in his “Nauru Grammar”.
6. Orthography recommended by the Nauru Administration in 1938.
7. Orthography used by Aloys Kayser in the 1976 New Testament.

4.1. Observations on Kayser's orthographies 1936 and 1976.

Kayser in *Nauru Grammar* (1936) was apparently trying to produce a phonetic record of the Nauruan he heard and was taught. This phonetic transcription is never fully described and even within *Nauru Grammar* there are some variations in the spelling of the same word.

With regard to the consonant inventory, his description lacks any sistematic representation of palatalized and velarized consonants.

There is no systematic description or transcription in the fact that in phrase final position the voicing of oral stops in neutralized:

_b > _p

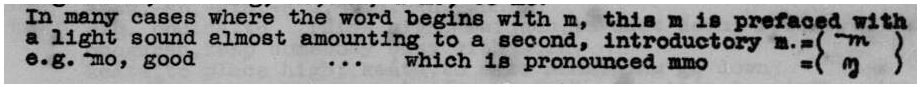
_d > _t

_g > _k

however, he was aware of the variation in some verbs, i.e.

katuk NG175 to strain > katugien NG175 now he has strained it

He was aware of consonant gemination being a feature, but had no systematic description or transcription of it, as this quote shows (NG2):


In many cases where the word begins with m, this m is prefaced with
a light sound almost amounting to a second, introductory m.=(˜m)
e.g. ˜mo, good ... which is pronounced mmo =(ŋ)

Kayser was also aware of a “fleeting slide vowel” (NG3) in ‘*aijimeo*’, ‘5’. But there’s no indication he was aware of the distinction between of the palatal and velar /m/.

The orthography adopted in the 1976 New Testament is a much simplified system.

all diacritics are removed from vowels:

[ä] is converted to [e]

[i̱] is converted to [u]

the velar nasal [ṅ] is converted to [ng]

the voiceless velar stop [q] is invariably converted to [kw]

4.2 Observations on the Orthography of the 1918 Bible.

The orthography reduces the sound system of Nauruan to its absolute necessary parts, but one that a native speaker would be able to contend with, just as an English or French speaker contends with a very outdated and unphonetic/unphonemic writing system.

It uses 8 letters to cover the vowels.

The letter **'a'** represents both /a/ and /æ/.

The letter **'ã'** represents an allophone of /e/ in most cases.

The letter **'õ'** represents [ʌ] which the latest studies indicates is an allophone of /a/.

The letter **'ũ'** represents /ɨ/ (a central unrounded vowel) in most cases.

On the consonantal side, there is no apparent understanding of velarized versus palatalized consonants, consonant gemination, or word-/phrase final devoicing/simplification.

The letter **'ñ'** represents the velar nasal /ŋ/.

The letter **'q'**, or the combination **'qu'** represent /kw/.

The letter '**j**' represents the palatal glide.

The combination **‘tsi’** is usually written ‘ti’ in other orthographies as /t/ only appears as an affricate before /i/.

The 1918 Bible also uses some orthographic conventions, among which:

(a) The translators use ‘ã’ to represent the 3rd Person Singular Dependent Pronoun *‘e’* when the verb phrase it belongs to is impersonal.

(b) The translators use ‘A’ (capital ‘a’) to represent the 1st Person Singular Dependent Pronoun **‘a’**.

(c) Where a verb heads a verb phrase and has no overt person maker, it is by default 3rd Person, but the translators overcompensate by often putting a ‘ghost’ vowel to indicate it is a 3rd Person actor. When *‘ma’*, *‘and’* and *‘bwe’*, *‘for’* precede a vowel-initial verb in such a situation, the translators often delete the vowels of *‘ma’* and *‘bwe’* (which is done is spoken Nauruan) but mirror the initial vowel of the verb or any ‘ghost’ vowel the translators decided on including, so you can end up with a ‘dummy’ vowel and a ‘ghost’ vowel, e.g.

mõ õ õmeata, ‘and he brought out’ , actually represents *m’ õmeata*

(d) When a final consonant of one word meets an initial consonant of the following word in a phrase, Nauruan usually interposes an epenthetic vowel (a non-syllabic “schwa” vowel /ə/) between the two consonants if the combination of the two consonants is, as Rebecca Morley observed:

“sequences that are disallowed or dispreferred within the language.” (see her article “Consonant Epenthesis”, https://www.oxfordbibliographies.com)

The translators do not consistently show the epenthetic vowel, and when they do it can be represented by ‘e’ or ‘i’ or ‘o’ or ‘õ’.

4.3. Comparative Table of Nauruan Orthographies.

Kayser 1936 Examples from *Nauru Grammar*	Kayser 1976 New Testament	1918 Bible	Hughes 2020
a m**a**n, he is clever; **a**b**a**b, to kill	**a** mw**a**n **a**b**a**b	**a** m**a**n **a**b**a**b	**æ** em^{ɣ}**æ**n **æ**b^{j}**æ**p
a̤ em**a̤**n, he is dead	**a** em**a**n	**a** em**a**n	**æ** em^{j}**æ**n
a̲ w**a̲**ṉa, mine ouw**a̲**k, big	**a** w**a**nga ouw**a**k	**a** w**a**ña ouw**a**k	**a ~ æ** w**a**ŋa o**æ**g
a̤ eoqu**a̤**n, sun	**a** ekw**a**n	**a** equ**a**n	**æ** k^{w}**æ**n
ä m**ä**ö, my eye b**ä**ö, my hand	**e** m**e**o b**e**o	**e** m**e**õ b**e**õ	**e** m^{j}**e**- b^{j}**e**-
e̤ j**e̤**t, when?	**e** y**e**t	**e** j**e**t	**e** i̤j**e**t
e inn**e**n, his mother aiqu**e**n, one	**e** inn**e**n aikw**e**n	**e** in**e**n aiqu**e**n	**e** in**e**- e-k^{w}**e**n

e̱ epe̱, stone be̱be̱, light	**e** epe bebe	**e** epe bebe	**e** pʲe-n bʲebe
i ini, coconut	**i**	**i**	**i** ini
i̱ ni̱ṅeni̱ṅ,to pull tightly	**u** nunginung	**ũ** nũñinũñ	(**ɨ**)
o bobo, to smell	**o** bobo	**o** bobo	**o** bʸobʸo
o̱ eo̱ṅ, to cry	**o** eong	**õ** eõñ	**a** ijaŋ
ö ebög, water etöṅin, his father gör , to run bäö, my hand öd, go,pass mög, dry	**o** ebog etongin gor beo od mog	**õ** ebõk etõñin gõr beõ õd mõg	**a ~ ʌ ~ æ** ebʲag etaŋ- gar [beɨ/beʌ] ad mʲæg
u dudu, to water	**u** dudu	**u** dudu	**u** dudu
ụ ü ibügibügi, grass büm, night ṅabụna/ṅabüna mụṅana/müṅana ibụ, ashore	**u** ibugibugi bum ngabuna mungana ibu	**ũ** ibũgibũgi bũm ñabũna mũñana ibũ	**u** ibʸugibʸugi bʸumʸ ŋabʲuna mʸuŋana -
u̱	**u**	**ũ**	**u**

ij**ụ**, fish	i**u**	i**ũ**	ij**u**
ã ã, yes	---	 eh	 **ẽ**
q, qu	**kw**	**q, qu**	**kw**
ṅ	**ng**	**ñ**	**ŋ**

5. Abbreviations Used.

1	First Person
2	Second Person
3	Third person
S	Singular
D	Dual
T	Trial
P	Plural
EXC	Exclusive
INC	Inclusive
ADV	Adverbial prefix ***a-, ana-***
AB	Absolute Marker/Nominal Prefix ***e-/i-***
ANIM	Animate Class

APPL	Applicative suffix ***-eiy/-ei***
APPL2	Applicative 2 suffix ***-i***
AUG	Augmented form of demonstrative
AV	Avertive ***eniy***
CAUS	Causative Prefix ***ka-/ga-***
CF	Contrafactual
CL	Classifier
COM	Comitative/Instrumental Suffix ***on/õn***
COM2	Comitative/Instrumental Suffix ***-an***
COMM	Command ***ko/kõ***
COMP	Completive ***ogiten***
COND	Conditional Marker
CONS	Construct Particle ***in***
DAT	Dative

DEP	Dependent Form of Personal Pronoun
DIR DIR1 – *eda/ida* upwards, out of, from DIR2 – *ädu/edu* downwards, in, back DIR3 – *ata* out, from within, upwards DIR4 – *atu* in,downwards DIR5 – *oda* steady movement forwards DIR6 – *odu* steady movement backwards DIR7 – *ruwei/ruweij/ruweiy* towards the speaker DIR8 – *n* general directional DIR9 – *w* general directional	Directional
DIST	Distal ***-no/-ọo***
E	Emphatic Prefix ***nga-/ña-***
FAC	Factitive Prefix ***o-/õ-***
FV	Function Vowel
GPOS	General Possessive Classifier ***a-***
GER	Gerundive
IMM	Immediative ***orren/õren***

INDF	Indefinite Pronoun
IND	Indipendent Form of Personal Pronoun
INTENS	Intensifier ***kor/kõr***
LOC	Locative Prefix
MED	Medial ***-na/-ọa***
MOD	Modal ***nim/nụm***
MUT	Mutual familial relationship ***-i***; same as APPL2
NE NEI NEII NEIII	Non-Emphatic Prefix non-emphatic demonstrative prefix, form I ***min-*** non-emphatic demonstrative prefix, form II ***mu-/mũ-*** non-emphatic demonstrative prefix, form III ***bit-***
NEG	Negative ***eo/eõ***
NP	Numeral Prefix ***a-***
OBJ	Objective Form of Personal Pronoun Suffix
OP	Optative ***karenaga***

PERF	Perfective Aspect Suffix ***-en***
PERS	Persistive ***ekeowina***
POS	Possessive Personal Pronoun Suffix
PREI	Pre-Inceptive ***eitiok/eitsiõk***
PROG	Progressive ***oreita/õreita***
PROX	Proximal ***-ne/-e̱e***
RED	Reduplicated Form of Verb/Noun
RPOS	Relative Possessive Classifier ***w-***
SUCC	Successful Outcome Suffix ***wong/wõñ***
SUP	Superlative form
TAG	Quenstion Tag
TEMP	Temporal ***ngag-/ñag-***
UNR	Unrealized Aspect ***inan/nan***

UNR.NEG	Unrealized Negative Aspect ***eab***
V	Verb
VNI	Velar Nasal Intrusion
1976	Nuwawit Testament Etimeduw 1976
HS	Nauru 2007 Demographic and Health
hsd	Nauru Hansard
NB1	Ekegen Ngea Gott Tengeiy Atsin Turita?
NG	Nauru Grammar 1936
Nuw	Nuwawit testament obuä 1915
NuwNT	Nuwawit testament etimeduw 1915
PC	Personal Communication
SN	Sprache von Nauru 1914
TNR30	Õten Am Aia Bibel
TNR 33	Ijen Eow Ngune Eb?

TNR 34	Tune Emaga Inga Edae I Nan Keowen?
TNR35	Bwina Ema Nan Tik Timor
*	Unattested form

6. Nauruan Demonstratives: An Overview.

Demonstratives single out a person or an object that a speaker is referring to and indicate the nearness or remoteness of it from the speaker.

Demonstratives in Nauruan show three degrees of proximity, i.e.:

1. proximal (near the speaker),
2. medial (away from the speaker/near the hearer),
3. distal (away from both the speaker and hearer).

The demonstratives appear in several forms - from a simple (or, base) form through to expanded forms.

Over time, Nauruan developed demonstratives in the following eight domains, in addition to the original general demonstratives:

Animate Demonstratives

Gender-specific Demonstratives

Animate Demonstratives incorporating numeral functions

Gender-specific Demonstratives incorporating numeral functions

Direct address (vocative) demonstratives

General Cardinal Numerals incorporating demonstrative functions

Classifiers incorporating demonstrative functions

Classifiers incorporating numeral and demonstrative functions

As previously explained in Section 4, due to there being no official orthography, the spellings found in the sources are generally used in the tables and examples.

7. General Demonstrative.

The General Demonstrative has five sets, each with sub-sets:

1. Simple (or Base) Form

    1a. Augmented Simple Form

2. Emphatic Form

    2a. Augmented Emphatic Form

3. *min*- Non-Emphatic Form (in this study abbreviated to NEI)

    3a. Syncopated Form

4. *bit*- Non-Emphatic Form (in this study abbreviated to NEIII)

    4a. Syncopated Form *mu*- Non-Emphatic Form (in this study abbreviated to NEII)

5. *mu*- Non-Emphatic Form

    5a. Syncopated Form

7.1. General Demonstrative: Simple (or Base) Form

In *Nauru Grammar* (NG11,38) the simple (or, base) forms are referred to as "shortened" forms but in this analysis they are taken to be the base forms from which all the other general demonstratives developed.

Table 4. Composition of General Demonstrative: Simple (or Basic) Form.

	Singular			Plural		
Spatial Function↓	Singular Marker	Spatial marker	English gloss	Plural marker	Spatial marker	English gloss
Proximal	u	ne	this here	a	ne	these here
Medial	[*u	na]	that there	a	na	those there
Distal	u	no	that over there	a	no	those yonder

Although the form **una* is unattested, there is a reason for positing it, i.e. the non-emphatic medial singular demonstrative '*mituna'*.

'*mituna'* is derived from the posited form **una* thus:

**una > *euna [an augmented form]*
↓
min [marker of the non-emphatic demonstratives] + euna > mit.una [in accordance with the Nauruan denasalization phonological process]

The singular medial form of the simple demonstrative, '*ia'*, appears not to fit in with this analysis.

It could be that *ia* is a syncopated form of the earlier **euna*, or a reflex of **i-na* (the Proto-Malayo-Polynesian reconstructed form).

This table has strong affinities to the locational adverbs of Nauruan, as show in the table of locational adverbs:

Table 5. Nauruan Locational Adverbs.

Spatial Function↓	Locative Particle	Spatial marker	English Gloss
Proximal	i	ne	here
Medial	i	na	there
Distal	i	no	yonder

The spatial markers reflect closely the Proto-Oceanic spatial locators that have been reconstructed (Ross 1988): *ne (near speaker), *na (nearaddressee), and *no (distant from both speaker and addressee).

Usage:

The simple demonstratives do not appear to be used independently as demonstrative pronouns, rather they only as act as post-nominal demonstrative adjectives.

The usual order for simple demonstratives is:

Noun + Simple Demonstrative

and the noun is in its basic form, without the absolute marker/Nominal Prefix.

The simple demonstratives are not used a relativizers.

The simple singular demonstratives can be used for any noun, whereas the plural forms are used for inanimate nouns only (animate plural nouns make use of the animate demonstrative series).

The status of these simple demonstratives is unclear in contemporary Nauruan.

The simple demonstratives are tabulated below.

Table 6. General Demonstrative: Simple (or Basic) Form.

Number→	Singular	Plural
Spatial Function ↓		
Proximal	une	ane
Medial	ia	ana
Distal	uno	ano

Examples:

1.
oniṅ ia NG3
young MED
the child there

2.
oag ia NG14
house MED
the house there

3.
bum ano NG14
day DIST.P
the far off days

4.

min ana NG31
thing MED.P
those things there

5.

nan õten iõ õkeõ, ãn ie edegeriõ earuwei ean eb une? Ge 24:5
UNR how COND resist AB+female COND 3S.DEP+follow+1S.OBJ towards.speaker on+3S.POS land PROX
how will it be if she resists/is unwilling, the woman when she follows me onto this land?

6.

o kona bet katubui ean obweni ia Ge 26:12
3S.DEP able also CAU+hundred on+3S.POS year MED
he got also one hundred each in that year

7.

ma ape une ñea A õijõn bwe enim ekei ijor Ge 28:22
& stone PROX E+MED 1S.DEP send for 3S.DEP+MOD make+3S.POS.IND AB+post
and this stone (not a flat stone) that I send out so that it should become a pillar

8.

men bõk ia Ge 29:3
eye+3S.POS water MED
the mouth of that well

9.

ean tuk dae ia ngaga tuk epwepwo engame ebwak Mark 8:1 1976
on+3S.POS still time MED TEMP+MED still gather.together+RED AB+person many
at that time when a great crowd gathered

10.

ean mungana ibum iruwin gaturae ia, me inan tur met ekwan me eab tuk ramaramin bita maraman Mark 13:24 1976
on+3S.POS NEII+MED.P AB+day after+3S.POS tragdy MED & UNR dark eye+CONS AB+sun & UNR.NEG yet shine NEIII+MED moon
in those days after that disaster, the face of the sun will be dark and the moon will not shine

11.

mwa oiyuwoten ngana tureten dae ia ngea dae in kungiyow Mark 13:28 1976
2P.DEP recognize+PERF E+MED.P draw.near+PERF time MED E+MED time CONS CAUS+hot+DIR
you recognize that it has now drawn near that time which is the time of heat [summer]

12.

ngea abi wong engame ion ian ake ia Mark 15:7 1976
E+MED slay SUCC AB+person INDF in+3S.POS fight MED
the one who had successfully slain a man in that fight

13.

re damadamen memag ngabuna re meg iat synagoge ia ngaga ro kaiyot ngeiyina Lu 4:28 1976
3P.DEP angry+PERF all E+ANIM.P+MED 3P.DEP dwell in+3S.POS synagogue MED TEMP+MED 3P.DEP hear E+CL11[7]+MED
they were then angered, all those in that synagogue when they heard that word

14.

ngabuna ewuina eb ia Lu 20:35 1976
E+ANIM.P+MED fitting+to land MED
those ones it is fitting for (them) that Earth/that World is suited to them

15.

eko bet amen ubwiom ia aikwen ia emwin on eg une! Lu 1:61 1976
be.not also male+CONS home+2S.POS CONS one CONS call COM name PROX
there is not even one relative of yours that calls on this name

16.

ngea oreit oieaw tamo engame ion ngea ore eow ean eb ane John 1:9 1976
E+MED PROG FAC+light any AB+person INDF E+MED come DIR on+3S.POS land PROX.P
that one is shedding light on any man who comes into the world

17.

mo ooquen wak ia re mek ian Ac 2:2
& FAC+fill house MED 3P.DEP dwell in+3S.POS
that house they were in was filled

18.

yegen ngea inan otimor o eatin iat tuwo ngea bwait ima une? Ro 7:24 1976
who E+MED UNR FAC+live 1S.OBJ from+3S.POS in+3S.POSA flesh+1S.POS E+MED object+CONS AB+die PROX
who is the one who will save me from my flesh which is an object of this death

19.
amwaim eõ gar deden eb une Ro 12:2
2P.DEP+MOD NEG copy manners+3S.POS land PROX
do not copy the ways of this world

20.
tin ia engame ion oeiy eow ean kuri une gold 1Co 3:12 1976
COND AB+person INDF build DIR on+3S.POS foundation PROX gold
if a person builds on this foundation gold

21.
mewak ngago a teng nanga kamie ian aeo tueb une 2Co 1:15 1976
ancient TEMP+DIST 1S.DEP want go+to 2P.OBJ in+3S.POS. GPOS+1S.POS believe PROX
from a long time ago I wanted to go to you in this, my confidence

22.
bwe dogin raidid une, ngune itugait imin 2Co 3:10 1976
for reason+3S.POS glory PROX E+PROX above+3S.POS AB+thing
because of this glory, this is above (all) things

23.
bwe dogit emogur in auwe une, ngune amar oreita rarangeduwa 2Co 8:19 1976
for reason+3S.POS AB+work CONS love PROX E+PROX 1D.EXC+DEP PROG care.for+RED+DIR2+DIR9+to
because of this work of love, this we are continually caring for it]

24.

ebakin ana bibel ogiten pan ogiten meta atsin ean mana imin kadudu TNR 30

many+CONS MED.P Bible COMP say COMP go.out from+3S.POS on+3S.POS NEII+MED.P AB+thing small

many things the Bible has spoken of have happened from the smallest details

7.2. General Demonstrative: Augmented Simple Form.

At some stage the singular simple forms of the demonstratives developed an augmented form, whereby a prefix '*e-*' was added, likely a topic marker.

Table 7. General Demonstrative: Augmented Simple (or Basic) Form.

Spatial Function ↓	Prefix	Simple form	Augmented form
Proximal	e	une	eune/iune
Medial	e	*una	*euna
Distal	e	uno	euno/iuno

Although the form **euna* is unattested, there is a reason for positing it, i.e. the non-emphatic singular medial demonstrative *mituna*, as mentioned above (1.2):

**una > *euna [an augmented form]*
↓
min [marker of the non-emphatic demonstratives] + euna > mit.una [in accordance with the Nauruan denasalization phonological process]

The usual order for the augmented demonstratives is

Noun + Augmented Demonstrative.

There appears to be a contradiction in *Nauru Grammar* with regard to the augmented forms. *Nauru Grammar* (Kayser 1936:31) places the augmented forms in his "living beings" category of demonstratives however these forms are used for inanimate as well as animate nouns in both the Nauruan Bible published in 1918 and the *Testament Etimeduw* (New Testament) published in 1976 – the latter work being attributed to Kayser.

The status of these augmented demonstratives is unclear in contemporary Nauruan.

Examples:

25.

mwa oraiya ko engame atebin memag angoget itimor eune Ac 5:20 1976
2P.DEP cast+to COMM AB+person number+CONS all word+CONS AB+live AUG+PROX
utter to the people all words about this life

26.

t'eo ta baruen beta eune ngun oreit eniy, me inan obabaka pwanen Ac 19:27 1976
only+NEG only service+1P.INC.POS AUG+PROX E+MED+ PROG press & UNR FAC+bad+RED speak+3S.POS.GER
it is not just this our service the thing which is being threatened, but people will reproach its being spoken of/reproach its reputation

27.

ngabuna mewara ngago e iy oekae ura ea mwiden aura ima eune Jude 1:4 1976
E+ANIM.P+MED ancient TEMP+DIST 3S.DEP chose FAC+different 3P.OBJ to judge+3S.POS.GER GPOS+3P.POS AB+die AUG+PROX
those ones from a long time ago he chose to separate them until this their death its being judged/until the judging of this their death]

28.

ngagan eagad angen katta ökadüraeita eune Nuw 22:4
therefore place to+PERF 1P.INC.OBJ come.to.grief+1P.INC.GER AUG+PROX
therefore he then placed on us this our coming to grief

29.

bue e nüm obü tiniü enemaiü eune Nuw32:8
for 3S.DEP MOD take from+1S.POS suffer+1S.POS AUG+PROX
so that he should take from me this my suffering

30.
auwe Petrus me animen penerö eune a nan oeij waña ecclesia NuwNT 36:2
2S.IND Peter & atop+3S.POS rock AUG+PROX 1S.DEP UNR build RPOS+1S.POSs ecclesia
you are Peter and on this rock I will build my ecclesia

31.
ean pascha eune NT 64:2
on+3S.POS Passover AUG+PROX
on this Passover

7.3. General Demonstrative: Origins of the Augmented Simple Form.

This prefix '*e-'* may share a common origin with the '*e-'* particle associated with the indefinite pronoun, Classificatory set, e.g:

eran > e+ra+n = an object of the *ra* classificatory group [CL30, flat objects],

and/or the '*e-'* particle used as the absolute marker/nominal prefix on nouns.

8. General Demonstrative: Later Developments.

The simple and augmented demonstratives have over time become fused with other elements and developed into a number of sets as mentioned previously (at section 7.), i.e. :

1. *nga*- Emphatic Form
   (referred to as "nominative" forms in *Nauru Grammar* (NG31-37; abbreviation E used in this study)

   1a. Augmented Emphatic Form

2. *min*- Non-Emphatic Form (in this study abbreviated to NEI)
   (referred to as "accusative" forms in *Nauru Grammar* (NG31-37)

   2a. Syncopated Form

3. *bit*- Non-Emphatic Form (in this study abbreviated to NEIII)
   (referred to as "accusative" forms in Nauru Grammar (NG31-37)

   3a. Syncopated Form

4. *mu*- Non-Emphatic Form (in this study abbreviated to NEII)
   (referred to as "accusative" forms in *Nauru Grammar* (NG31-37)

   4a. Syncopated Form

All of the demonstratives with emphatic or non-emphatic prefixes may have a range of uses:

as a demonstrative adjective;

as a demonstrative pronoun;

from an almost-neutral function to acting as what approximates to a definite article;

or as a relativizer.

When used as a relativizer it usually lacks the spatial suffix ending, and in this study where a demonstrative lacks the spatial suffix ending this is marked in the interlinear description by a [+] sign, e.g. :

ngan - E+MED.P+

9. General Demonstrative: Emphatic Form.

At some stage in the development of Nauruan the prefix *'nga-'* was added to the simple general demonstratives to form the Emphatic form of the general demonstratives.

The singular forms are used for animate and inanimate nouns, the plural forms for inanimate nouns only (plural animate nouns using the animate demonstrative series).

Table 8. General Demonstrative: Emphatic Form.

Singular emphatic general demonstrative				**Plural emphatic general demonstrative**			
Proximity ↓	Emphatic Prefix	Singular Simple General Demonstrative Form	Emphatic form	Proximity ↓	Emphatic Prefix	Plural Simple General Demonstrative Form	Emphatic form
Proximal	nga/ña	une	ngune ñune	Proximal	nga/ña	ane	ngane ñane
Medial	nga/ña	ia	ngea ñea	Medial	nga/ña	ana	ngana ñana
Distal	nga/ña	uno	nguno ñuno	Distal	nga/ña	ano	ngano ñano

In Kayser's *Nauru Grammar* (NG31-37), these forms are referred to as "nominative" (a grammatical feature not present in Nauruan) , and Kayser implies an 'absent' versus 'present' distinction betwen the Emphatic and Non-Emphatic forms of the demonstratives:

"the forms of the Demonstratives beginning with 'ṅa' are used to denote Persons or things removed, absent, referred to, while the other forms beginning with: mu-, mi, min-, mini- are used to denote Persons or things present." (NG63)

.

It is also probable that the emphatic forms were used to introduce new information into a discourse, and that the non-emphatic forms were used for already-introduced information in a discourse.

The Emphatic forms of the General Demonstrative are used as demonstrative pronouns, as demonstrative adjectives, and as relativizers.

9.1. Use of General Demonstrative: Emphatic Form as Demonstrative Adjective.

32.

amebũna rõ pan a gamar bwe ro kona n mek itũrida ta iat deden ñune Ge 34:22
male+ANIM.P+MED 3P.DEP speak to 1D.EXC+OBJ for 3P.DEP able CONS dwell by+1P.INC.OBJ only in+3S.POS ways+3S.POS E+PROX
those men spoke to the two of us that they can live with us only in this fashion

33.

A nan woije tekawa ñune Is37:35
1s UNR cover village E+PROX
[I will protect this city]

34.

iduwen a pwan a kamie, a etiok eediow ian Israel ouwak it itueb ngune Matt 8:10 1976
AB+truth 1S.DEP speak to 2P.OBJ 1S.DEP not.yet find+DIR in+3S.POS Israel great CONS AB+faith E+PROX
it is the truth I tell you, I have not yet found in Israel this great faith

35.

ongowet dagan ngune eow eat eb memag ngaben opwae ina Matt9:26
go+PERF fame+3S.POS E+PROX DIR on+3S.POS AB+land all E+CL10[15]+MED encircle there
this its fame then went out onto all the land that encircled it there

36.

ngune tsimorum yamwen NB1
E+PROX live+2S.POS future
this your future life

37.
yegen ngune Gott? NB1
who E+PROX God
who is God?

38.
yegen ngune Jesu Kristo? NB1
who E+PROX Jesus Christ?
who is Jesus Christ?

39.
atae ngana dabuk na PC
ten E+MED.P book there
there are ten books there

9.2. Use of General Demonstrative: Emphatic Form as Demonstrative Pronoun.

40.
iṅa waṅa karawuin? – ṅune NG30
where RPOS+1S.POS dress E+MED
where is my dress? – (this one) here

41.
adaga wo ririñ ñune? Ge3:13
why 2S.DEP do E+PROX
why have you done this

42.
wama ebõk ñune Ge26:20
RPOS+1P.EXC.POS AB+.potable.water E+PROX
this is our well

43.
enim ouge amie dorer : Eiy, eiy : Ekeow, Ekeow : me mungana ongabidaen ngeiyine,
3S.DEP+MOD be.so GPOS+2P.POS talk 3S.IND 3S+IND be.not be.not & NEII+MED.P add+3S.POS.GER E+CL11[7]PROX
atin iat ibaka ngana Matt 5:37 1976
from+3S.POS in+3S.POS AB+bad E+MED.P
let your talk be such: It is, It is (i.e. Yes, Yes): It is not, It is not (i.e. No, No) : and those things its being added to this word, those things are from badness

44.
tin ia ouge a amune, nuwa ko me nuwawen ngune; me ea tuk ion, tuko
if say to male+PROX go COMM & go+PERF E+PROX & to yet INDF come+COMM
me tu n amea Matt 8:9 1976
& come PERF male+MED
when I say to this one, 'go!, and this one then goes; and to yet another, come!, and that one then comes

45.
egora ngabuna apostle oea me arumen ngane Matt 10:2 1976
name+3P.POS E+ANIM.P+MED apostle ten+living.being & NP+two+ANIM E+PROX.P
the name of those twelve apostles were these

46.
ñane egõra apostel ñabũna waea ma arumen Matt10:2
E+PROX.P name+3P.POS apostle E+ANIM.P+MED ten+living.being & NP+two+ANIM
these were the names of those twelve apostles

47.
eab ebowong uw ngane! Matt 16:22 1976
UNR.NEG come.upon 2S.OBJ E+PROX.P
these things will not come upon you!

48.
ngaiu amune, a oreit auwe, ngune oreit oeibogieiy burio Matt 17:5 1976
child+1S.POS male+PROX 1S.DEP PROG love E+PROX PROG FAC+rejoice+APPL innards+1S.POS
this male is my Son, I am loving him, this one is making joyful my heart]

49.
ngane okor mungana engog a oraiy angen kamie Lu 24:44 1976
E+PROX.P INTENS NEII+MED.P AB+word 1S.DEP cast to+VNI 2P.OBJ
these are those words I already spoke to you

50.

aña ñune John18:6
S.IND E+PROX
I am this one/I am he

51.

a re eowen eat eb dogin ngune John 18:37 1976
1S.POS come DIR+PERF on+3S.POS AB+land reason+CONS E+PROX
I am now come to earth for this reason

52.

dogin ngune me ouwak eken an dura amea ngea otowen inibem anga Joh19:11 1976
reason+CONS E+PROX & big INDF+CL19 GPOS+3S.POS sin male+MED E+MED give+PERF LOC+hand+2S.POS 1S.IND
for this reason the sin of that man who gave me into your hand is greater

53.

dogin ngune me eibogien maro me riang in eibogi bitune eo Ac2:26 1976
reason+CONS E+PROX & rejoice+PERF mind+1S.POS & sing CONS rejoice NEIII+PROX tongue+1S.POS
for this reason my mind then rejoiced and this tongue of mine sang with rejoicing

54.

amen oduwen angogen ngane memag kama Ac2:32
male+CONS FAC+true word+CONS E+PROX.P all 1P.EXC.OBJ
all of us are witnesses about this

55.

mwar rowiowien ngabena eb me pumwen kor ngane? ouge eita : edaga, ngane Ac 5:1976
2D.DEP exchange+DIR+PERF E+CL10[15]+MED AB+land & reward+3S.POS INTENS E+PROX.P say female+MED 3S.DEP+renown E+PROX.P
you two have already sold that plot of land and these (coins) are its price? she said: it is well-know, (it is) these (coins)

56.

dogin ngune me a oreaten kor amune ian memie Ac 25:26 1976
reason+CONS E+PROX & 1S.DEP bring+PERF INTENS male+PROX in+3S.POS eye+2P.POS
for this reason I did then bring this man before you

57.

bwe tin ia wo riring ngane, wo nan opwapwoiy eow yaraitubwin amea eoene ngan opwiyuriri Ro 12:20 1976
for COND 2S.DEP do E+PROX.P 2P.DEP UNR gather.together+RED+APPL DIR atop+head+CONS male+MED AB+fire-wood E+MED.P+ burn+SUP
for when you do these things, you will gather up on top of his head fire-wood that is glowing

58.

God nan oekeow ngune me ngana 1Co6:13 1976
God UNR FAC+be.nothing E+PROX & E+MED.P
God will make nothing of this and those

59.

tin ia engame ion eiki ngane, me eab tied bet amea 1Co 14:38 1976
COND AB+person INDF 3S.DEP+not.know E+PROX.P & UNR.NEG know also male+MED
if a man does not understand these things, that man wil not understand it also

60.
bwe dogin raidid une, ngune itugait imin 2Co 3:10 1976
for reason+3S.POS glory PROX E+PROX above+CONS AB+thing
because of this glory, this is above (all) things

61.
bwe dogit emogur in auwe une, ngune amar oreita rarangeduwa 2Co 8:19 1976
for reason+3S.POS AB+work CONS love PROX E+PROX 1D.EXC+DEP PROG care.for+RED+DIR2+DIR9+to
because of this work of love, this we are continually caring for it]

62.
teo ta ngane, bwe eoiyon bet amea eow turin ngabuna ran at epo 2Co 8:19 1976
only+NEG only E+PROX.P for 3S.DEP+send also male+MED DIR by+3S.POS E+ANIM.P+MED branch+CONS GPOS+3S.POS together
it is not just these things, for that man is sent out by the members of his congregation

63.
tin ia engame ion enimen eiy iot dangen Christus, me bita engame enim kan kamarareiy ian burioun
COND AB+person INDF 3SDE.+consider 3S.IND INDF companion+CONS Christ & NEIII+MED AB+person 3S.DEP+MOD again think+APPL in+3S.POS innards+3S.POS
ngane 2Co 10:7 1976
E+PROX.P
if a man considers that he is a companion of Christ, that man should reconsider in his heart these things

64.
mungana kwan amea eanni ngane Ga 5:22 1976
NEII+MED.P fruit+CONS male+MED AB+spirit E+PROX.P
those fruits of the spirit are these

65.

God eiy amen kaduwaneiy angogen ngane ! 1Thes 2:5 1976
God 3S.IND male.CONS CAU+true+APPL word+CONS E+PROX.P
God is a witness about these things!

66.

adaga mwa eo omaran ngana a pwan angen kamie angogen ngane ngaga a tuk ina tangumie? 2Thes 2:5 1976
TAG 2S.DEP NEG remember E+MED.P 1S.DEP speak to+VNI 2P.OBJ word+CONS E+PROX.P TEMP+MED 1S.DEP yet there by+2P.POS
do you not remember that I already told you about these things when I was with you?

67.

rinibeo nanga Paulus ngaiune, ngune eke teman tamo wonga tereta 2Thes 3:17 1976
mark+1S.POS 1S.IND Paul E+AUG+PROX E+PROX act.as sign+CONS whatever RPOS+1S.POS letter
this is my mark, I Paul, this is acting as the sign of any letter of mine

68.

a oreit eare aw angogen ngane ian aeo hope 1Ti 3:14 1976
1S.DEP PROG write to+2S.OBJ word+CONS E+PROX.P in+3S.POS GPOS+1S.POS hope
I am writing you about these things in my hope

69.

kererieiy ko angogen ngane me eneneiy ko riringen. 1Ti 6:2 1976
CAU+learn COMM word+CONS E+PROX.P & press COMM do+3S.POS.GER
teach about these things and emphasize its being done/emphasize the doing of them

70.

ang nan riring ekor ngane ia ouga bet burioun God He 6:3 1976
1P.INC.DEP UNR do INTENS E+PROX.P COND be.so also innards+CONS God
we will do for sure these things if the will of God is such, also

71.

a oreit eare a kamie angogen ngane, bwe mwaim eo dura 1John 2:5 1976
1S.DEP PROG write to 2P.OBJ word+CONS E+PROX.P for 2P.DEP+MOD NEG sin
I am writing you about these things, so that you should not sin

72.

ougen amea ngea oreit oduwen angogen ngane Re 22:20 1976
be.so+PERF male+MED E+MED PROG FAC+true word+CONS E+PROX.P
the one who is bearing witness about these things has spoken

73

adaga ngune ngea itengeiy? NB1
why E+PROX E+MED want+APPL
[why was this needed]

74.

ngune dogin epan Jesu bweiy ‘engok’ NB1
E+PROX reason+3S.POS 3S.DEP+speak Jesus for+3S.POS.IND AB+word
this is why Jesus is called ‘the Word’

75.

deo bet iduwen ngune NB1
only+NEG also AB+true E+PROX
this is not the truth

9.3. Use of General Demonstrative Emphatic Form as Relativizer.

76.

dogin ngune me ouwak eken an dura amea ngea otowen inibem anga Joh19:11 1976
reason+CONS E+PROX & big INDF+CL19 GPOS+3S.POS sin male+MED E+MED give+PERF LOC+hand+2S.POS 1S.IND
for this reason the sin of that man who gave me into your hand is greater

77.

t'eo ta baruen beta eune ngun oreit eniy, me inan obabaka pwanen Ac 19:27 1976
only+not only service+1P.INC.POS AUG+PROX E+MED+ PROG press & UNR FAC+bad+RED speak+3S.POS.GER
it is not just this our service the thing which is being threatened but people will reproach its being spoken about

78.

yegen ngea inan otimor o eatin iat tuwo ngea bwait ima une? Ro 7:24 1976
who E+MED UNR FAC+live 1S.OBJ from+3S.POS in+3S.POS flesh+1S.POS E+MED object+CONS AB+die PROX
who is the one who will save me from my flesh which is an object of this death?

79.

bwe tin ia wo riring ngane, wo nan opwapwoiy eow yaraitubwin amea eoene ngan opwiyuriri Ro 12:20 1976
for COND 2S.DEP do E+PROX.P 2P.DEP UNR gather.together+RED+APPL DIR atop+head+CONS male+MED AB+fire-wood E+MED.P+ burn+SUP
for when you do these things, you will gather up on top of his head fire-wood that is glowing

80

ougen amea ngea oreit oduwen angogen ngane Re 22:20 1976
be.so+PERF male+MED E+MED PROG FAC+true word+CONS E+PROX.P
the one who is bearing witness about these things has spoken

81.

Jesu eko bet etongin ngea engame NB1
Jesus be.not also father+3S.POS E+MED AB+person
Jesus did not have a human father/a father who was a human

82.

eraban Gott eow ean oijien ngan ouwak NB1
3S.DEP+obey God DIR on+3S.POS test+3S.POS.GER E+MED.P+ big
he obeyed God under severe tests/tests that were severe

83.

adaga ngune ngea itengeiy? NB1
why E+PROX E+MED want+APPL
why was this needed?/why was this the thing that was needed

84.

engame ion opat iquiy ngan ebaka dogit engame ion NB1
AB+person INDF 3S.DEP+speak AB+lie E+MED.P+ 3S.DEP+bad reason+3S.POS AB+person INDF
a man speaks lies that are wicked about another man

85.

pat imin ngan inan meta imur NB1
speak AB+thing E+MED.P+ UNR go.out later
speak of things that will happen later [foretell the future]

86.

ea yegen ngea wo ow eiy tsimorum atsin iturin? NB1
to who E+MED 2S.DEP owe APPL live+2S.POS from+3S.POS by+3S.POS
to whom the one who you owe your life from (him)? [to whom do you owe your life?]

9.4. Use of General Demonstrative: Emphatic Medial Plural Form '*ngana*' before mental verbs and recording verbs.

There is an overlap with the conjunction *'bwe'* ; I have been unable to discern if there are/were distinct parameters for their separate usage. In Marshallese there are two conjunctions used ('ke' and 'bwe') which are used according to the following matrix:

Table 9. Parameters for usage of Marshallese relativizers 'bwe' and 'ke' (adapted from Heather Willson's 'The Marshallese Complementizer Phrase', 2002).

'bwe' Reportive Complimentizer	'ke' Presuppositional Complimentizer
A speaker uses a reportive complementizer when indirectly quoting an utterance or a mental process of him/herself or of someone else. The truth of this indirect quotation is not certain.	A speaker uses a presuppositional complimentizer when the information in the embedded clause is considered "old" or something the speaker already knows to be true.

The following examples show the overlap between the 1918 Bible and the 1976 New Testament. As a general observation, the conjunction *'bwe'* is far more common with mental and recording verbs in the 1918 Bible.

Table 10. Overlap in usage of 'bwe' and 'ngana' with Nauruan mental and recording verbs 1918 Bible versus 1976 New Testament.

1918 Bible	1976 New Testament
87a.bwa amwaim **tsiet bwe** etsimine waion Ñait eñame eat eb in etad dūra Matt 9:6 but you should know that the Son of Man has authority on earth for the forgiving [of] sins	87b. bwe mwaim **tied ngana** etimine oaeon amea Ngait angame eow eat eb bwe nim ead idura Matt 9:6 1976 but you should know that the Son of Man has authority on earth that he may forgive sin
88a. amwa **tsiet bwe** wañara temoniba heiden ri ta moniba eara Matt 20:25 you know that the rulers of the Gentiles lord it over over them	88b. mwa ogiten **tied ngana** amebuna monibait engame re earangameiy engame Matt 20:25 1976 you have known that the rulers of the peoples they are harsh with the people
89a. ama **tsiet bwa** auwe iduwen Matt 22:16 we know that you are true [truthful]	89b. ama ogiten **tied ngana** wo pwat iduwen Matt 22:16 1976 we have known that you speak the truth
90a. amwa **tsiet bwe** etũreten naga ibũm in kũñijow Matt 24:32 you know that the day of heat is about to draw near	90b. mwa **tidien** ngaga **ngana** etureten bita edae in kungiyow Matt 24:32 1976 you already know that the time of heat is now drawing near

91a. bwa A **tsiet bwa** amwar õni Jesu Matt 28:5 for I know that you two look for Jesus	91b. a ogiten **tied ngana** mwar oreit onani amea Jesus Matt 28:5 1976 I have known that you two are looking for Jesus
92a. ñaga Pharisãer rõ **kaiõt bwõ** õ õepoijien mwin amebũna Sadducãer, re ebwepon Matt 22:34 when the Pharisees heard that he had shut the mouths of the Saducees, they then gathered together	92b. amebuna pharisea ngaga ro **kaiyot ngana** dimwa-woten mura ngabuna Sadducea, me re epwepwon Matt 22:34 1976 those Pharisees, when they heard that he had completely shut the mouth of the Saducees, they gathered together
93a. ñag õ **kaiõt bwe** ei Jesu dei Ṇazareth, a aeuwak Mark 10:47 when he heard that it was Jesus the Nazarene, he cried out	93b. ngaga amea **kaiyot ngana** eiy amea Jesus in Nazareth me yeida me kuridaw ituga Mark 10:47 1976 when the man heard that it was Jesus of Nazareth, he started and cried out

There are fewer instances where the 1918 Bible and the 1976 New Testament agree on the relativizer:

Table 11. Agreement in usage of 'bwe' and 'ngana' with Nauruan mental and recording verbs 1918 Bible versus 1976 New Testament.

1918 Bible	1976 New Testament
94a. wo **tsiet ñana** Pharisãer ra ariwan ñaga rõ kaiõt mũñana eñõg? Matt 15:12 you know that the Pharisees were offended when they heard those words?	94b. wo **tied** ayok **ngana** egirowen ngabuna pharisea ngaga ro kaiyot mineiyina aem? Matt 15:12 1976 do you not know that the Pharisees have got angry when they heard that word of yours
95a. A **tsietuw bwa** auwe Amea Togit Omo ñea wõn Gott Mark 1:24 I know of you that you are the Most Righteous One of God	95b. A **tied uw bwe** awe yegen : amea Ebwigagain God Mark 1:24 1976 I know of you that you are who: the holy one of God
96a. bwũ ũra memak re **tsiet ñana** dei Grecia etõñin Ac 16:3 for they all knew that his father was Greek	96b. re **tied ngana** heidet etongin amea Ac 16:3 1976 they knew that his father was a Gentile
97a. ñaga rõ **kaiõt bwõ** õ kakairũ a ũra ian kakairũ n Ebrãer Act 22:2 when they heard that he spoke to them in the Hebrew language	97b. ngaga ro **kaiyot bwe** torereiy a ura bita edorer ngea hebrew Ac 22:2 when they heard that he spoke to them in the Hebrew language

98a. **eimwi bwa** Abner enim ima tekei an ima ekabaãt? 2Sa3:33 should Abner die as a fool dieth?	98b. A ũge ian bũriõ bwe **eimwi bwa** A nimõ ririñ imin ñan ebak in iwitsiow egen Jesu dei Nazareth Acts 26:9 I said in my heart (I was convinced) that it is right that I should do many things against the name of Jesus of Nazareth

Further examples of *'ngana'* with mental and recording verbs:

99.

A tsiet ñana wo ririñ ñune eow ian an omo bũriõũm Ge 20:6
1S.DEP know E+MED.P 2S.DEP do E+PROX DIR in+3S.POS GPOS+3S.POS good innards+2S.POS
I know that you do this in the goodness of your heart

100.

bwe rõ kaiõt ñana re nim ijeiji ina Ge 43:25
for 3P.DEP hear E+MED.P 3P.DEP MOD eat there
for they heard that they should eat bread there

101.

ñaga rõ kaiõt ñana Jehova õni ibwibwin Israel Ex 4:31
TEMP+MED 3P.DEP hear E+MED.P Jehovah visit grandchild+CONS Israel
when they heard that Jehovah had visited the children of Israel

102.

amwa nan tsiet ñana Jehova õmeata gamiã atsin ean eben…Ex 16:6
2P.DEP UNR know E+MED.P Jehovah bring.out 2P.OBJ from+3S.POS on+3S.POS land+CONS…
you will know that Jehovah has brought you out from the land of….

103.

ibwibwin Benjamin rõ kaiõten ñana ibwibwin Israel ro ñowen Mizpa Judg 20:3
grandchild+CONS Benjamin 3P.DEP hear+PERF E+MED.P grandchild+CONS Israel 3P.DEP go.towards+PERF Mizpah
the children of Benjamin now heard that the children of Israel were already gone up to Mizpah

104.

David etsiet ñana Jehova ooaio bwe enim ekei uea n Israel 2Sa5:12
David 3S.DEP+know E+MED.P Jehovah FAC+strong for 3S.DEP+MOD make+3S.POS.IND king CONS Israel
David understood that Jehovah had established him king over Israel

105.

mwa ogiten kaiyot ngana epwaten ngeiyine: wo nim auwe ngabuna dangom Matt 5:43 1976
2P.DEP COMPL hear E+MED.P 3S.DEP+speak+PERF E+CL11[7]+PROX 2S.DEP MOD love E+ANIM+P companion+2S.POS
you had heard that they have related this word: you must love your fellow

106.

amea Etongumie etied akor ngana ewuina ie nim timine memag mungana Matt 6:32 1976
male+MED Father+2P.POS 3S.DEP+know INTENS E+MED.P fitting.to COND MOD exist all NEII+MED.P
your Father knows that it is fitting that (you) have all these things

107.

wo tsiet ñana Pharisãer ra ariwan ñaga rõ kaiõt mũñana eñõg? Matt 15:12
2S.DEP know E+MED.P Pharisees 3P.DEP offend TEMP+MED 3P.DEP hear NEII+MED.P AB+word
you do know that the Pharisees were offended when they heard those words?

108.

wo tied ayok ngana egirowen ngabuna pharisea ngaga ro kaiyot mineiyina aem? Matt 15:12 1976
2S.DEP know or+no E+MED.P anger+PERF E+ANIM.P+MED Pharisee TEMP+MED 3P.DEP hear NEI+CL11[7]MED word+2S.POS
do you not know that the Pharisees have got angry when they heard that word of yours

109.

ngaga amea kaiyot ngana eiy amea Jesus in Nazareth me yeida me kuridaw ituga Mark 10:47 1976
TEMP+MED male+MED hear E+MED.P 3S.IND male+MED Jesus CONS Nazareth & start & cry+DIR1+DIR9 above+3S.POS
when the man heard that it was Jesus of Nazareth, he started and cried out

110.

r ouge ngana ura juden, me re teo eiy Re3:9
3P.DEP say E+MED.P 3P.IND Jews & 3P.DEP only+NEG 3S.IND
they say that they are Jews but the are not it

111.

ri nan uyuwong ngana a ogiten auwe uw Re3:9
3P.DEP UNR recognize E+MED.P 1S.DEP COMP love 2S.OBJ
they will know that I have loved you

112.

an makurin kamadauning oduwen ngana eiy ngain Gott NB1
GPOS+3S.POS work+CONS astound FAC+true E+MED.P 3S.IND child+CONS God
his miracles bore witness that he was God's Son

113.

tuebon ngana re taramawireiy Gott iduwen NB1
believe E+MED.P 3P.DEP worship+APPL God 3S.DEP+true
believe that they worship the true God

114.

Bibel owereri ea gata ngana oad kor ngabuna re tuk iat emedena oroeo enanga itsimor NB1
Bible teach to 1P.INC.OBJ E+MED.P few INTENS E+ANIM.P+MED 3P.DEP yet in+3S.POS AB+way 3S.DEP+narrow 3S.DEP+go+to AB+live
the Bible teaches us that just a few of those ones are on the narrow road (that) goes to life

115.

Bibel ogiten pan ngana iruwin an ima amebuna ran an kereri… NB1
Bible COMP speak E+MED.P after+3S.POS GPOS+3S.POS die male+ANIM.P+MED branch+CONS GPOS+3S.POS CAUS+teach
the Bible had declared that after the death of those disciples….

116.

ebaptizo pana engame memak tsieden ngana wo ogiten totowuw ngawe ea Jehova NB1
AB+baptism speak+to AB+person all know+3S.POS.GER E+MED,P 2S.DEP COMP give+2S.OBJ E+2S.IND to Jehovah
baptism declares to everyone its being known/ baptism declares to everyone the knowledge of it that you have already given yourself to Jehovah

9.5. Origins of the Emphatic Form.

The emphatic demonstratives have the form

'nga' + simple form of the General Demonstrative.

This prefix, '*nga'* , appears elsewhere in Nauruan, i.e. in the personal pronoun system, with the emphatic personal pronouns, e.g.:

ngeiy < nga + eiy , Emphatic Prefix + 3rd person singular Independent Personal Pronoun

The prefix '*nga'* is also found in other Austronesian languages, hence:

Kiribati

In the Personal Pronoun domain:

i, 1st singular personal pronoun	> *ngai* [emphatic form]
ko, 2nd singular personal pronoun	> *ngkoe* [emphatic form]
kam, 2nd plural pronoun	> *ngkamii* [emphatic form]

North Ambrym (Vanuatu)

In North Ambrym, '*nge'* serves as a topic marker, e.g. :

tenya	kon	nge	a
intestine	taboo	topicalizer	proximate

these are taboo intestines
(Franjieh, 2012:92)

Toqabaqita (Solomon Islands)

"the identifier *nga* …serves to express the speaker's conviction that the eater of the pig was a person rather than, for example, a dog" (Lichtenberk 2008, Vol. I:254), e.g. :

botho baa, nga wane qe qani-a
pig that identifier person 3S.Non-Future eat-3S.OBJ
the pig, a person ate it (Lichtenberk 2008, Vol. I:254)

Mekeo (Papua New Guinea)

the Personal Pronoun domain:

lau, 1st singular personal pronoun	> l*au- ŋa* [emphatic form]
oi, 2nd singular/plural	> *oi- ŋa* [emphatic form]
isa, 3rd singular/plural	> *isa-ŋa* [emphatic form]
iʔa, 1st plural inclusive	> *iʔ-ŋa* [emphatic form]
lai, 1st plural exclusive	> *lai- ŋa* [emphatic form]

(Jones 1998)

Palauan

See '*Origins of Palauan Intrusive Velar Nasals'* by Juliette Blevins and Daniel Kaufman in Oceanic Linguistics 51(1):18-32 (2012) which attribute the Palauan 'intrusive velar nasal' to an "ancient formative *ŋa 'emphatic' ".

10. General Demonstrative: Augmented Emphatic Form.

The Augmented General Demonstratives (section7.2) have acquired emphatic forms as tabulated below.

Table 12. General Demonstrative: Augmented Emphatic Form.

Proximity ↓	Composition		End form
	Prefix	Augmented Simple General Demomstrative	
Proximal	nga- ña-	eune	ngaeune ñaiune
Medial	UNATTESTED		
Distal	nga- ña-	euno	ngaeuno ñaiuno

The status of these augmented demonstratives is unclear in contemporary Nauruan.

Examples:

117.
ñaiune deden owõñen Ge 6:15
E+AUG+PROX manner+CONS fashion+3S.POSGER
this is the manner of its being fashioned/this is how it is fashioned

118.
ñaiune dedem ijamwan Ge 27:39
E+AUG+PROX manner+2S.POS future
this will be your future course

119.
ñaiune iwim in etad idũra Ex 29:14
E+AUG+PROX AB+sacrifice CONS AB+loosen AB+sin
this is the offering for releasing sin

120.
ñaiune õaweijidaen an evangelium Jesu Kristo Mark 1:1
E+AUG+PROX begin+3S.POS.GER GPOS+3S.POS,POS evangel Jesus Christ
this is its being begun/ the beginning of the evangel of Jesus Christ

121.
ñaiune Ñaiũ ñea A auwã, ñea A ibibokiei Lu 3:17
E+AUG+PROX child+3S.POS E+MED 1S.DEP love E+MED 1S.DEP joy+RED+APPL
this is my Son whom I love, whom I delight in

122.
ñaiune imin in õbabaka eb John 3:19
E+AUG+PROX AB+thing CONS FACT+RED.bad AB+land
this *is* the condemnation of the earth

123.
mwiden angoget imin ngaiune John 3:19 1976
judge+3S.POSGER word+3S.POS AB+thing E+AUG+PROX
this is its being judged about things/this is the judgment of things

124.
ñaiune brot ñea orodun ianweron John 6:58
E+AUG+PROX bread E+MED 3S.DEP+go.down+DIR8 heaven
this is the bread that comes down from heaven

125.
ngaiune eiy bita brot ngea orodun ian oeron John 6:59 1976
E+AUG+PROX 3S.IND NEIII+MED bread E+MED 3S,DEP+go.down+DIR8 heaven
this is that bread that comes down from heaven

126.
rinibeo nanga Paulus ngaiune, ngune eke teman tamo wonga tereta 2Thes 3:17 1976
mark+1S.POS 1S.IND Paul E+AUG+PROX E+PROX act.as sign+CONS any RPOS+1S.POS letter
this is my mark, I Paul, this is acting as the sign of any letter of mine

127
ieda Moses me öüge: anga ngaeune! Nuw 31:1
rise Moses & say 1S,IND E+AUG+PROX
Moses rose and said, I am this one/I am he

128
ieran, kaija ian stunde ngaeune a nan öüijön a uw eangamä ion ngea wo nan obit Nuw 52:2
at.daytime perhaps in+3S.POS hour E+AUG+PROX 1S.DEP UNR send to 2S.OBJ AB+person INDF E+MED 2S.DEP UNR anoint
at daytime about in this hour I will send to you a man who you will anoint

10.1. Origins of the Augmented Emphatic Form.

The General Demonstrative Augmented Emphatic Form has the same historical journey as that described for the General Demonstraive Augmented Form (Section 7.2.1.) and the General Demonstrative Emphatic form (Section 7.5.).

11. General Demonstrative: Non-Emphatic Form.

As mentioned at Section 7.3. , the General Demonstrative has been expanded to produce three non-emphatic sets:

1. *min*- Non-Emphatic Form (in this study abbreviated to NEI)
(referred to as “accusative” forms in *Nauru Grammar* (NG31-37)

3a. Syncopated Form

2. *mu*- Non-Emphatic Form (in this study abbreviated to NEII)
(referred to as “accusative” forms in *Nauru Grammar* (NG31-37)

3a. Syncopated Form

3. *bit*- Non-Emphatic Form (in this study abbreviated to NEIII)
(referred to as “accusative” forms in Nauru Grammar (NG31-37)

4a. Syncopated Form
In this study, the non-emphatic prefixes are derived from the fusion of the word *‘min’, ‘thing’*, to the General Demonstrative Simple and Augmented Simple forms.

These forms often have very little demonstrative function acting, rather, like a definite article.

The incorporation of *'min', 'thing'*, into the demonstrative system is not unique to Nauruan. This is also observed in the Micronesian language of Satawal Atoll.

Table 13. Some Satawalese 'min' demonstratives (adapted from Roddy 2007:67)

***min-* + demonstrative**	**Meaning**
min-ne	something proximal to speaker in view of speaker and hearer
min-na	something proximal to the hearer in view of speaker and hearer
min-i-we	a definite object in mind but not in view of speaker or addressee
min-i-ka or mini-kka	de-emphasized objects near speaker
min-aan	that which is over there

In Nauruan, *'min'* when fused with other elements, has undergone phonological changes.

This study was originally published online in 2014, and the conclusions I arrived at then and have kept in this revised edition differ in several respects from those arrived at by Hughes' 2020 "The Synchronic and Diachronic Phonology of Nauruan: Towards a Definitive Classification of an Understudied Micronesian Language (pages 261-264).

12. General Demonstrative Non-Emphatic *min*- Form (NEI form)

In the singular, the *'min'* fused with the General Demonstrative Augmented Simple forms (Section 7.2.) and underwent denasalization (a Nauruan phonological process), i.e. :

min + eune *> mitune*

min + euna *> mituna*
↓
mita (syncopated form)

min + euno *> mituno*

In the plural, the '*min*' fused with the General Demonstrative Simple forms without any modifications.

Table 14. General Demonstrative: Non-Emphatic min- Form (NEI).

Singular Non-Emphatic *min* Demonstrative				
Proximity ↓	Composition		End form	Syncopated Form
	Prefix	Augmented form		
Proximal	min	eune	mitune	Unattested
Medial	min	(*euna – Unattested)	mituna	mita
Distal	min	euno	mituno	Unattested

Plural Non-Emphatic *min* Demonstrative				
Proximity ↓	Composition		End form	Syncopated Form
	Prefix	Plural simple demonstrative		
Proximal	min	ane	minane	mane
Medial	min	ana	minana	mana
Distal	min	ano	minano	mano

The singular forms are used for animate and inanimate nouns; the plural forms are used for inanimate nouns – animate nouns using the animate plural series.

Kayser (NG31) seems to indicate that the singular medial form *'mituna'* was only used for living beings.

The status of these *'min-'* forms is unclear in contemporary Nauruan, except for the syncopated plural forms.

I have been unable to locate any use of the singular *min-* forms (i.e. , the *mit-* forms) in the 1918 Bible, the 1976 New Testament, and other written sources in Nauruan, so I presume the derivative *bit-* forms (Section 7.9.) have overtaken the singular *min-* forms (i.e., the *mit-* forms.)

Examples:

129.
or yowida ea tuk minana Matt 27:44 1976
3D.DEP throw down to still NEI+MED.P
both threw down to him those same things (reproached him with it, Douay Rheims version)

130.
bwe amebuna eamet dura bet ro reit riring minana Lu 6:33 1976
for male+ANIM.P+MED AB+male+CONS sin also 3P.DEP PROG do NEI+MED.P
for those sinners also they are doing those things

131.
ama oiyoten amerumena Judas me Silas
1P.EXC.DEP send+PERF male+two+ANIM+MED Judas and Silas,
ngarumena or nan oraiy a kamie tuk minana ian auror dorer Ac 15:27 1976
E+two+ANIM+MED 3D.DEP UNR utter to 2P.OBJ still NEI+MED.P in+3S.POS GPOS+2S.POS talk
we have now sent those two men, Judas and Silas, those two men will tell you those same things in their talking

132.

amunuwe, wo oreita mwid angoget engame ngabuna re riring mungana
male+VOC 2S.DEP PROG judge word+CONS AB+person E+ANIM.P+MED 3P.DEP do NEII+MED.P
ngaga awe bet wo oreita riring tuk minana Ro 2:3 1976
TEMP+MED 2S.IND also 2S.DEP PROG do still NEI+MED.P
You man! you are judging men, those ones do those things when you also are doing those same things

133.

ta aikwen me tuk minana mwa kamarar eiy angogen Phil 2:2
only one & still NEI+MED.P 2P.DEP think APPL word+3S.POS
and those things you are giving consideration to are also one

134,

ngea etimine yingen enim oiya yingen minana amea eanni oreita pwana mungana
E+MED 3S.DEP+exist ear+3S.POS 3S.DEP+MOD give+to ear+3S.POS NEI+MED.P male+MED AB+spirit PROG speak+to NEII+MED.P
ecclesia angogen Re 3:6 1976
ecclesia word+3S.POS.DEP
the one who has ears should give his ears to those things spirit is speaking to those ecclesia about it

135.

imür ekän me Moses e tük ngaeow bät ian bita arche
later INDF+CL20[21] & Moses 3S.DEP still place+DIR also in+3S.POS NEIII+MED ark
emanna iwurin me minana an äwäw Aaron Nuw 38:4
AB+manna INDF+CL36[39] & NEI+MED.P GPOS+3S.POS rod Aaron
a little later Moses again placed also in the ark (of the covenant) the container full of manna and those rods belonging to Aaron

136.

Maria oudö ögonaän minana ngag eij änimen eö ninni ion NuwNT 2:3
Mary enquire able+3S.POS.GER NEI+MED.P TEMP+MED+ 3S.IND female+CONS NEG [---] INDF
Mary enquired about her being able (to do) those things since she was a virgin woman

137.

Noe i ta kania minana me ouwak an eibögi ian buriöün NuwNT 7:1
Noah only behold NEI+MED.P & GREAT GPOS+3S.POS rejoice in+3S.POS innards+3S.POS
Noah just beheld those things and his joy was great in his heart

12.1. *min-* Syncopated Form.

The full form of the singular medial form of the *'min'* demonstrative – *'mituna'* - also had a reduced form through syncope, e.g.:

mituna > mita

The status of this syncopated form is unclear in contemporary Nauruan.

The syncopated plural forms are in general use in contemporary Nauruan with inanimate nouns.

Table 15. General Demonstrative: Non-Emphatic min- , Syncopated Plural Form (NEI).

Plural Non-Emphatic *min* Demonstrative				
Proximity ↓	Composition		End form	**Syncopated Form**
	Prefix	Simple General Demonstrative		
Proximal	min	ane	minane	**mane**
Medial	min	ana	minana	**mana**
Distal	min	ano	minano	**mano**

Examples:

138.
ogen mana Lu 22:38
finish+PERF NEI+MED.P
those things are already finished/it is enough

139.
otuwen ion ean mane teber bakoro? PC
how INDF on+3S.POS NEI+PROX.P table break
which of these tables is broken?

140.
tubwa kor dogin mana wam answers PC
thank INTENS reason+3S.POS NEI+MED.P RPOS+2S.POS answers
thanks for your answers

141.
anga ta obweiy aga towada imin gona atsin yan mane ayu kereri dogin nga bet reit tanga ereri ya! PC
1S.IND only hope+APPL TEMP+MED [---] AB+thing able from+3S.POS in+3S.POS NEI+PROX.P GPOS+1S.POS CAU+teach reason+3S.POS 1S.IND also PROG only+1S.IND learn 1S.OBJ
I hope you gain plenty of things by these my teachings, because I'm teaching myself too

142.
kona ata tũebõn mana Bibel pan? TNR 30
able 1P.INC.IND believe NEI+MED.P Bible say
can we believe those things the Bible says/can we believe what the Bible says?

143.

ebakin ana bibel ogiten pan ogiten meta atsin ean mana imin kadudu TNR 30

many+CONS MED.P Bible COMP say COMP go.out from+3S.POS on+3S.POS NEII+MED.P AB+thing small

many things the Bible has spoken of have happened from the smallest details

13. General Demonstrative Non-Emphatic *bit*- Form, including syncopated forms (NEIII form).

I am suggesting in this study that the element '*bit-'*, is the result of the singular non-emphatic *'min-'* forms (Section 7.8.). In the singular, the *'min'* fused with the General Demonstrative Augmented Simple forms (Section 7.2.) and underwent denasalization (a Nauruan phonological process), and these fused forms then underwent the phonological process of prestopping at an earlier stage of Nauruan, and then a further process of simplification, i.e. :

min + eune > *mitune*

↓

[b]mitune

↓

bitune

↓

tune (syncopated form)

min + euna > *mituna* **or** >*mituna*

↓ ↓

[b]mituna *mita (syncopated form)*

↓ ↓

**bituna* *[b]mita*

↓ ↓

bita (syncopated form) *bita*

min + euno > *mituno*

↓

[b]mituno

↓

bituno

↓

tuno (syncopated form)

The resultant *mit*- forms and *bit*- forms continued in use into the early 20th century. However, I have been unable to locate any use of the *mit*- forms in the 1918 Bible, the 1976 New Testament, and other written sources in Nauruan, so I presume the *bit*- forms have overtaken the *mit*- forms.

A similar instance of pre-stopping is attested in the classifier 8 doublet '*bweti*' ~ '*mweti*', the classifier for flexible objects Classifier 7 [18/19] ; and the classifier 25[31] '*mweiy*' , *'dung heap, heap of excrement'* in relation to the noun '*bwiya' , 'excrement'.*

It is of interest to note that when Geoffrey S. Nathan was studying the Nauruan language in the early 1970s, he noted the existence of the prestopped nasal [^{b}m] in certain situations in the speech pattern of his informant, Mr. Alex Deiye (Nathan 1973.1:5).

Table 16. General Demonstrative: Non-Emphatic bit- Form and their syncopated forms (NEIII).

Proximity ↓	Full Form	Syncopated Form
Proximal	bitune	tune
Medial	(*bituna – Unattested)	bita (or via mita)
Distal	bituno	tuno

It is unclear if *'bita'* arose as a syncopated form of an earlier, unattested **bituna*, or arose as the result of prestopping with the already existing syncopated form of *'mituna'*, i.e. *'mita'.*

These forms are used for animate and inanimate singular nouns. These forms are still in use.

13.1. Use of General Demonstrative Non-Emphatic *bit-* Form (NEIII) as Demonstrative Adjective.

144.
wo nüm raṅ'a bitune eoniṅ NG5
2S.DEP MOD keep to NEIII+PROX AB+young
you must take care of this child

145.
bitune epe̲ NG31
NEIII+PROX AB+stone
this (rounded) stone here

146.
ebak iti ama gona ian bitune maram bue maramenin NG23
many AB+frigatebird 1P.EXC+DEP able in+3S.POS NEIII+PROX month for month+3S.POS+CONS
we catch many frigate birds in this month because it is the month for it

147.
o go̲rda ekän bitune eoag NG15,203
3S.DEP high INDF+20[21] NEIII+PROX AB+house
this house here is higher

148.
an jegän bitune ekarawuin? aeö NG25
GPOS.3S.POS who NEIII+PROX AB+dress GPOS+1S.POS
whose is this dress? mine

149.
ömijemijanönwoṅaääöra bitune aeö riaṅ NG30
FAC+sleep+COM2+COM+SUCC+to+3P.GER NEIII+PROX GPOS+1S.POS sing
the means by which they were successfully put to sleep was this my singing

150.
bitune aragụm NG30,218
NEIII+PROX sick+2S.POS
this your sickness

151.
ekägen bitune imin? NG65
what NEIII+PROX AB+thing
what is this thing here?

152.
ebak ekät aṅamä ṅago ean bitune äb NG67
many INDF+20[21] AB+person TEMP+DIST on+3S.POS NEIII+PROX AB+land
there were more people on this island in the past

153.
wo num eo totow bitune waña NG168
2S.DEP MOD NEG give NEIII+PROX RPOS+1S.POS
you must not give away this thing of mine

154.
a eäṅ ekän bitune aeö NG205
1S.DEP desire INDF+20[21] NEIII+PROX GPOS+1S.POS
I prefer this my own

155.
bitune wa̲ṅa NG214
NEIII+PROX RPOS+1S.POS
this my thing, this thing of mine

156.
epar ame eken ia A gõr eow ian bitune tekawa, ñea oniñ Ge 19:20
3S.DEP+quick to+1S.DAT indf+20[21] COND 1S.DEP run DIR in+3S.POS NEIII+PROX town E+MED young
it is quicker for me if I flee into this town, the small one

157.
eko ion ñea õkaganado eken ame ian bitune ewak Ge 39:9
be.not INDF E+MED 3S.DEP+important INDF+20[21] to+1S.DAT in+3S.POS NEIII+PROX AB+house
there is no-one greater than me in this house

158.
ieow enim meg ean bitune eoag Matt 10:12 1976
AB+peace 3s+MOD dwell on+3S.POS NEIII+PROX AB+house
let peace be on this house

159.

tin ia re omedomedo kamie eow ian bitune dagawa, me mwa gorogor ko ea bita ion Matt 10:23 1976
COND 3P.DEP oppress 2P.OBJ DIR in+3S.POS NEIII+PROX village & 2P.DEP RED+run COMM to NEIII+MED INDF
if they persecute you in this town, flee to that other one

160.

eo eimwi ia ebaru bita brot wot oning me ia eoraiya ngamuna [sic; ngabuna] ngain rober Matt 15:26 1976
NEG right COND 3S.DEP+take NEIII+MED BREAD RPOS+3S.POS young & COND 3S.DEP+cast+to E+ANIM.P+MED child+CONS dog
it is not right that one takes the bread belonging to the children and that one throws it to the puppies

161.

awe Petrus me animwen bitune epen ero anan oeiy bita wonga Ecclesia Matt 16:18 1976
2S.IND Peter & atop+3S.POS NEMPIII+PROX AB+stone+CONS 3s+grow 1S.DEP+UNR build NEMPIII+MED RPOS+1S.POS Ecclesia
you are Peter and atop of this rock I will build this my Ecclesia

162.

bitune eiy bita edogor ngea magit egaganedo me ngea adamonit edogor Matt 22:38 1976
NEIII+PROX 3S.IND NEIII+MED AB+command E+MED exhaust+CONS AB+important & E+MED first+CONS AB+command
this is the law that is the most important and that is the first law

163.

bwe wo eab ngaina eow iat etang in ima bitune annu Ac 2:27 1976
for 2S.DEP UNR+NEG leave DIR in+3S.POS AB+place CONS die NEIII+PROX soul+1S.POS
for you will not leave this soul of mine in the place of death

164.

bwe tin ia atin turit engame bitune ekamarar oa bitune emogur me inan ekeowen Ac 5:38 1976
for COND from+3S.POS by+3S.POS AB+person NEIII+PROX AB+think or NEIII+PROX AB+work & UNR be.not+DIR+PERF
for if this thinking or this work is from men, it will become nothing

165.

bitune engame eo rangedan oraraiy engog in obwoa mumwarina etang ebwigaga Ac 6:13 1976
NEIII+PROX AB+person NEG stop+CONS utter+RED AB+word CONS oppose+to NEII+CL23[22]+MED AB+place 3S.DEP+holy
this man does not stop uttering words in opposition to the holy place

166.

bwe a oreit ababi bitune tuwo me a t eke aeo tiyo 1Co 9:27 1976
for 1S.DEP PROG slay+RED NEIII+PROX flesh+1S.POS & 1S.DEP only make GPOS+1S.POS serve
for I am killing off this my flesh and I make it my servant

13.2. Use of General Demonstrative Non-Emphatic *bit-* Form (NEIII) as Demonstrative Pronoun.

167.
bitunen NG167
NEIII+PROX+PERF
now it's this here

168.
a ekäen wa̲ṅa bitune NG205
1S.DEP make+PERF RPOS+1S.POS NEIII+PROX
I consider mine this thing here

169.
dõgin bwe ã ooaio bitune eow itũrin Gott Ge 41:32
reason+3S.POS for 3S.DEP FAC+strong NEIII+PROX DIR by+3S.POS God
because this has been established by God

170.
adaga A ãeñ eñame ñabũn edairinaija ñag amwa õrean ame bitune eñame bwe e nimõ dairinaija ian meõ? 1Sa 21:15
TAG 1S.DEP desire AB+person E+ANIM.P+ 3S.DEP+mad TEMP+MED+ 2S.DEP bring to+1S.DAT NEIII+PROX AB+person for 3S.DEP MOD mad I n+3S.POS eye+1S.POS
do I desire madmen, since you have brought to me this fellow so that he should play the madman in my presence?

171.
mwar ekeiduwen aiyok ngan a gona iriring a kamuror bitune? Matt 9:28 1976
2d trust or.not E+MED.P 1s able AB+do to 2dOBJ NEIII+PROX
you two believe or not that I am able to do for you this?

172.

engame ion oreit gaiyeno eriring bitune Matt13:28 1976

AB+person INDF PROG hate+1S.OBJ 3S.DEP+do NEMPIII+PROX

a man *who* is hating me, he did this

173.

imin eo gona bitune eow turit engame me egona okor memag imin turin God Matt 19:26 1976

AB+thing NEG able NEIII+PROX DIR by+3S.POS AB+person & 3S.DEP+able INTENS all AB+thing by+3S.POS God

this is an impossible thing with men but with God all things are truly possible

174.

damwinein yegen bitune me atarin yegen? Matt 22:20 1976

picture+CONS who NEIII+PROX & write+CONS who

whose picture is this and whose writing?

175.

bitune eiy bita edogor ngea magit egaganedo me ngea adamonit edogor Matt 22:38 1976

NEIII+PROX 3S.IND NEIII+MED AB+command E+MED exhaust+CONS AB+important & E+MED first+CONS AB+command

this is the law that is the most important and that is the first law

176.

tuk edogor ion edidobo a bitune Matt 22:39 1976

still AB+command INDF 3S.DEP+similar to NEIII+PROX

the other command is similar to this

177.
ekegen naga bitune? ereire timeduw kegen ngune? Mark 1:27 1976
what directly NEIII+PROX? AB+teach new what E+PROX
what now is this? what new teaching is this?

178.
bwe a ren okor togin bitune Mark 1:38 1976
for 1S.DEP come+PERF INTENS raeson+CONS NEIII+PROX
for this have I come

179.
imin eo gona bitune turit engame Mark 10:27 1976
AB+thing NEG able NEIII+PROX by+3S.POS AB+person
this is an impossible thing with men

180.
A nan tsiet bitune eow eat ekeken? Lu 1:18 1976
1S.DEP UNR know NEIII+PROX DIR on+3S.POS what
by what(i.e., how) will I know this?

181.
anan tietwotow eat ekegen bitune ? Lu 1:18 1976
1S.DEP+UNR know+SUCC+DIR on+3S.POS what NEIII+PROX
by what (i.e., how) will I know for sure this?

182.

tuk ngaga me teterien ian burio bitune ngaiu ian an eibogi Lu 1:44 1976
yet TEMP+MED & leap+PERF in+3S.POS innards+3S.POS NEIII+PROX child+1S.POS in+3S.POS GPOS+3.POS joy
immediately this child leapt in my womb in its joy

183.

bwe bitune eiy ngeiyina epwatow turin amea prophet ngea Joel Ac 2:16 1976
for NEIII+PROX 3S.IND E+CL11[7]+MED S.DEP+talk+DIR by+3S.POS male+MED prophet E+MED Joel
for this is that word spoken through the prophet Joel

184.

dogin ngune me eibogien maro me riang in eibogi bitune eo Ac 2:26 1976
reason+3S.POS E+PROX & joy+APPL+PERF mind+1s & sing CONS joy NEIII+PROX tongue+1s
for this reason my mind then rejoiced and this tongue of mine sang for joy

185.

adaga naga mwa oreita mwitongon bitune oa adaga naga mwa oreita kania kamar Ac 3:12 1976
why directly 2P.DEP PROG wonder+COM NEIII+PROX or why directly 2P.DEP PROG look+to 1P.INC+OBJ
why now are you astonished with this or why now do you look at us?

186.

adaga wo orig bitune ian burioum? Ac 5:4 1976
why 2S.DEP form NEIII+PROX in+3S.POS innards+2S.POS
why did you form this in your heart?

187.
bwe amie mwaim kidokido eiy bwe a nim tied bita a nim eare angogen Ac 25:26 1976
for 2S.IND 2P.DEP+MOD CAUS+enquire+RED APPL for 1S.DEP MOD know NEIII+MED 1S.DEP MOD write word+CONS
that you should repeatedly enquire of him so that I should know what I should write concerning him

13.3 Use of General Demonstrative Non-Emphatic *bit*- Syncopated Form (NEIII) as Demonstrative Adjective.

188.
iṅa bita imin oäta a eṅwöṅ? NG65
where NEIII+MED AB+thing fly 1S.DEP hit+SUC
where is the bird I succeeded in bringing down

189.
ekägen ṅea a nan oija uw? ta bita NG67
what E+MED 1S. DEP UNR give+to 2S.OBJ only NEIII+MED
what shall I give you? only/just that

190.
bwe bain oduwenen aeõ bwa aña kõr eiri bita ebõken eren Ge 21:30
for object+CONS FAC+true+3S.POS.GER word+1S.POS for 1S.IND INTENS dig NEIII+MED well
as a witness of my word that I myself dug that well

191.
mõ õkaeõgei bwe enimõ ãw bita debitsi 2Ki 6:6
& cause for 3S.DEP+MOD swim NEIII+MED iron
and he cause that iron (axe-head) so that it should swim (float)

192.
eitunuwe awe ngaiu, oeow ko burioum, bita am tueb otimoruwen Matt 9:22 1976
female+PROX+VOC 2S.IND child+1S.POS FAC+calm COMM innards+2S.POS NEIII+MED GPOS+2S.POS faith FAC+live+2S.OBJ+PERF
my daughter! calm your heart, your faith has made you well

193.
me atin iat aua ia me timoren bita en Matt 9:22 1976
& from+3S.POS in+3S.POS hour MED & live+PERF NEIII+MED AB+female
[and that woman then was healthy from that hour]

194.
bitune eiy bita edogor ngea magit egaganedo me ngea adamonit edogor Matt 22:38 1976
NEIII+PROX 3S.IND NEIII+MED AB+command E+MED exhaust+CONS AB+important & E+MED first+CONS AB+command
this is the law that is the most important and that is the first law

195.
pwopwan angogen bita etaufen mwiyinga Mark 1:4 1976
say+RED word+CONS NEIII+MED AB+baptize+CONS sorrow
preaching about the baptism for sorrow

196.
tin ia rat eoag ion eo epo, bita eoag eab gona emeg Mark 3:25 1976
COND branch+CONS AB+house INDF NEG together NEIII+MED AB+house UNR.NEG able 3S.DEP dwell
if a household is not together, that house will not be able to remain

197.
me ngabuna ebwak eken inimagora re eiki bita dogin ngaga re epo Acts 19:32 1976
& E+ANIM.P+MED numerous IND+CL19 between+3p 3p not.know NEIII+MED reason+3S.POS TEMP+MED 3p gather
[and the greater number among them did not know what reason they were together at that time]

198.
bita edae ngea togit edae 1Co 10:11 1976
NEIII+MED AB+time E+MED end+CONS AB+time
the time that is the end of time

199.
bita emoga ngea nan eibowong Christus 1Pe 1:11 1976
NEIII+MED AB+pain E+MED UNR meet.up+SUCC Christ
the suffering that Christ will meet up with

200.
daeiten bwe nim oaweiyida bita ekom eow ian an oag God 1Pe 4:7 1976
time+3S.POS+CONS for MOD begin NEIII+MED AB+judge DIR in+3S.POS GPOS+3S.POS house God
now is the time for it so that the judgment should begin in the house of God

201.

bita drakon õweijo ian met ãita ñea opuduen naga ñain Re 12:4
NEIII+MED dragon 3S.DEP+stand in+3S.POS eye+3S.POS female+MED E+MED 3S.DEP+fall+PERF directly child+3S.POS
the dragon stands before the woman who is about to give birth to her child

202.

ngaiune eiy bita brot ngea orodun ian oeron John 6:58 1976
E+AUG+PROX 3S.IND NEMPIII+MED bread E+MED 3S.DEP+go.down+DIR8 heaven
[this *is* the bread that comes down from heaven]

203.

oekeow monibain tune eb eketen iruwin? TNR 33
FAC+be.not+DIR rule+CONS NEIII+PROX AB+land what after+3S.POS
destruction of the ruler of this World, what (happens) afterwards?

204.

tune emaga inga edae i nan keowen? TNR 34
NEIII+PROX AB+pain what AB+time UNR be.not+DIR
when will this suffering end?

205.

ar nim tik mek ean tune eb TNR 35
3P.DEP MOD yet dwell on+3S.POS NEIII+PROX AB+land
they should live again on this Earth

206.
ogain, tobeiy aga nga aneiyin bita am kido PC
so only+hope+APPL TEMP+MED 1S.IND answer+PERF NEIII+MED GPOS+2S.POS CAUS+ask
well, I hope that I have answered your question

13.4. Use of General Demonstrative Non-Emphatic *bit*- Syncopated Form (NEIII) as Demonstrative Pronoun.

207.
bita eij ekägen? NG202
NEIII+MED 3S.IND what
what is the thing there?

208.
na’ṛiṛiṅ bita ion NG209
UNR+do NEIII+MED INDF
will do the other

209.
A ãtuwen bwina wo ogiten row-iow auwe bwe wo nimõ ririñ bita ñea ebaka ian men Jehova 1Ki 21:20
1S.DEP find+2S.OBJ+PERF for+there 2S.DEP COMPL exchange+DIR 2S.IND for 2S.DEP MOD do NEIII+MED E+MED 3S.DEP+bad in+3S.POS eye+3S.POS Jehovah
I have now found you because you have sold yourself to do that thing which is bad/what is bad in the sight of Jehovah

210.

wo nim kõñõt tsiniõ bita ñea A nimõ ririñ aw 2Ki 2:9
2S.DEP MOD ask from+1S.POS NEIII+MED E+MED 1S.DEP MOD do to+2S.OBJ
ask from me what I should do for you

211.

amwa eitsiõk lesenei bita avid eririñ ñag eko õanõ? Mark 2:25
2P.DEP not.yet read+APPL NEIII+MED David 3S.DEP+do TEMP+MED+ be.not food
have you not read what David did when he had no food ?

212.

eko ia mwa retineiy angogen bita imin amea David eriring ngaga ekeow onana [sic; oana] ? Mark 2:25 1976
be.not COND 2S.DEP read+APPL word+CONS NEIII+MED AB+thing male+MED David 3S.DEP+do TEMP+MED be.not+DIR food
have you not read about that thing/what David did when he had no food

213.

ngea timine won imin inan tuk oiya imin : me ngea ekeow won imin inan yoridanit tinin
E+MED exist RPOS+3S.POS AB+thing UNR still give.to AB+thing & E+MED be.not+DIR RPOS+3S.POSPOS AB+thing UNR remove from+3S.POS
amea bet bita oreit meg turin Mark 4:25 1976
male+MED also NEIII+MED PROG dwell by+3S.POS
the one having things will be given things: and the one without things, they will take away from that man also what is with him

214.

ñag õ kaiõt bwõ õd ina eñame ñabūn ebak, õ ũdũdõ bwe ekeken bita Lu 18:36

TEMP+MED+ 3S.DEP hear for pass.by there AB+person E+ANIM.P+MED+ numerous 3S.DEP ask+RED for what NEIII+MED

when he heard that a bog crowd was passing by there, he enquired as 'what is that?'

14. General Demonstrative Non-Emphatic *mu*- Form, including syncopated forms (NEII).

This is a late development as the *mu*- suffix is attached to the Emphatic Plural foms of the General Demonstrative set.
In this study it is proposed that the *mu*- suffix is a late photological development of the *min*- suffix, i.e. :

min + ngan- > mungan-

These forms are only used for inanimate nouns. These demonstratives are still in use.

Table 17. General Demonstrative: Non-Emphatic mu- Form (NEII).

mu Non-Emphatic Demonstratives				
Proximity ↓	Composition		End form	Syncopated Form
	Prefix	Emphatic Demonstrative, Plural Form		
Proximal	min	ngane	mungane mũñane	mụṅe
Medial	min	ngana	mungana mũñana	mụṅa
Distal	min	ngano	mungano mũñano	mụṅo

14.1. Use of General Demonstrative Non-Emphatic *mu-* Form (NEII) as Demonstrative Adjective.

bwe tin ia mwa ead mungana at engame dura Matt 6:14 1976
for COND 2P.DEP loosen NEII+MED.P GPOS+3S.POS AB+person sin
for COND you forgive those sins of men

eaeatangen ngeiy mungana yurungita me obuien mungana aragita Matt 8:17 1976
bear+RED+to+NVI+PERF E+3S.POS.IND NEII+MED.P weakness+1P.INC.POS & take+PERF NEII+MED.P sick+1P.INC+POS
then bore to himself those our weaknesses and then took those our sicknesses

14.2. Use of General Demonstrative Non-Emphatic *mu-* Form (NEII) as Demonstrative Pronoun.

215.
ngagan, memag mungana mwa teng bwe engame re nim riring a kamie, mwa riring a ko ura bet Matt 7:12 1976
therefore all NEII+MED.P 2P.DEP want for AB+person 3P.DEP MOD do to 2P.OBJ 2P.DEP do to COMM 3P.OBJ also
therefore all those things you want that men should do to you, do to them also

216.
mwa ogokien mungane irungin, mwa totow ko mungane tirongin Matt 10:8 1976
2P.DEP take+PERF NEII+PROX.P free 2P.DEP give COMM NEII+PROX.P only+free
you have taken hold of these things freely, give these things freely too

217.

mungana a oreita pwan a kamie eow iat iturugago angogen, mwa oraiy ko mungana ina eao Matt 10:27 1976
NEII+MED.P 1S.DEP PROG speak to 2P.OBJ DIR in+3S.POS AB+dark+SUP word+CONS 2P.DEP cast COMM NEII+MED.P there 3S.DEP+light
those things I am speaking about to you in the darkness about it, utter those things there where it is light

218.

anan ead mu eat engog in odingin me anan omeata mungana eo nungida atin
1S.DEP+UNR loosen mouth+1S.POS on+3S.POS AB+word CONS allude & 1S.DEP+UNR show NEII+MED.P NEG open from+3S.POS
ngago oren erig eb Matt 13:35 1976
TEMP+DIST IMM make AB+ land
I will open my mouth with alludings(parables) and I will show those things hidden from when the earth had just been made

219.

bwe inan ogaro a kamie ean aua ia, imin memag mungana mwaim pwan Matt 10:19 1976
for 3S.DEP+UNR make.clear to 2P.OBJ on+3S.POS hour MED AB+thing all NEII+MED.P 2P.DEP+MOD speak
for he will make clear to you in that hour all those things *which* you should speak of

220.

ro oepwoiy eow iat ebwer mungan omo me mungan ebaka ri nan bwiriow Matt 13:48 1976
3P.DEP FAC+gather+APPL DIR In+3S.POS AB+basket NEII+MED.P+ 3S.DEP+good & NEII+MED.P 3S.DEP+bad 3P.DEP UNR throw.away
they will gather up in baskets those good and those bad they will throw away]

14.3. Use of General Demonstrative Non-Emphatic *mu*- Syncopated Form NEII).

The *mu*- forms also have reduced forms through syncopation, e.g.:

mungana > munga, etc.

These appear to be disused in contemporary Nauruan.

15. Overview of General Demonstratives.

Table 18. Overview of General Demonstrative, Singular Form.

Proximity ↓ / Form →	Simple Form	Emphatic Form (E)	Non-Emphatic *min-* Form (NEI)	Non-Emphatic *bit-* Form (NEIII)	Non-Emphatic *mu-* Form (NEII)
Proximal	une	ngune, ñune	mitune	bitune	Not used in Singular
	Augmented Simple Form	Augmented Emphatic Form	Syncopated Form	Syncopated Form	
	eune, iune	ngaeune, ñaiune	Unattested	tune	
Medial	(*una - Unattested) ia	ngea, ñea	mituna	(*bituna - Unattested)	Not used in Singular
	Augmented Simple Form	Augmented Emphatic Form	Syncopated Form	Syncopated Form	
	Unattested	Unattested	mita	bita	
Distal	uno	nguno, ñuno	mituno	bituno	Not used in Singular
	Augmented Simple Form	Augmented Emphatic Form	Syncopated Form	Syncopated Form	
	euno, iuno	ngaeuno, ñaiuno	Unattested	tuno	

Table 19. Overview of General Demonstrative, Plural Form.

Proximity ↓ / Form →	Simple Form	Emphatic Form (E)	Non-Emphatic *min-* Form (NEI)	Non-Emphatic *bit-* Form (NEIII)	Non-Emphatic *mu-* Form (NEII)
Proximal	ane	ngane, ñane	minane	Not used in Plural	mungane, mũñane
			Syncopated Form		Syncopated From
			mane		mụṅe
Medial	ana	ngana, ñana	minana	Not used in Plural	mungana, mũñana
			Syncopated Form		Syncopated From
			mana		mụṅa
Distal	ano	ngano, ñano	minano	Not used in Plural	mungano, mũñano
			Syncopated Form		Syncopated From
			mano		mụṅo

16. New Information versus Old Information

There is some evidence that the emphatic forms introduce new information into a discourse, and that the non-emphatic forms are used for already-introduced information.

Examples:

221.
Pharao nan õpan **ibwibwin** **Israel** … me ã pan a uea n Ãgypten bwe rõ gõrien **mibũna** eñame Ex 14:5
Pharaoh UNR speak grandson+RED+CONS Israel & 3S.DEP speak to king CONS Egypt for 3P.DEP run+PERF NEI+ANIM.P+MED AB+person
[and Pharaoh will speak of the children of Israel … and they spoke to the king of Egypt that those people had now fled]

222.
Job … õ õrig aeiu **ñait** **eman** me **aijimen** **ñait** **ãn** … Job ũge, ta bwidũga me edũra **mibũna** ñaiũ Job 1:5
Job 3S.DEP create seven child+CONS AB+male & three+ANIM child+CONS AB+female Job say only chance & 3sin+P.POS NEI+Anim.P+MED child+1S.POS
[Job … generated seven male children and thee female children…Job said, perchance those my children have sinned]

223.
ita meg ino eo goeow a amerumena **ikumo epowin** **ebwak**,
only dwell yonder not afar to male+two+ANIM+MED AB+pig INDF+CL29[30] numerous
mungana ro reit onani eow ange oangara me amerumena eanni ebaka or egege me or ouge:
NEII+MED.P 3P.DEP PROG search DIR on.ground foodstuff+3P.POS & male+two+ANIM+MED AB+spirit 3S.DEP+bad 3D.DEP beseech & 3D.DEP say
tin ia wo oiyot inna kamar me oiyotow ko ian **mupowina** ikumo kamar Matt 8:30,31 1976
COND 2S.DEP send there 1D.EXC+OBJ & send+DIR COMM in+3S.POS NEII+CL29[30]+MED AB+pig 1D.EXC+OBJ
and there was yonder not far from those two a large herd of swine, those ones searching on the ground for their food, and those two evil spirits beseeched (him) and they said: COND you cast us out, send us into that herd of swine

224.

inan otow **inibet** **engame** amea Ngait angame me **mibuna** ri nan abi Mark 9:30 1976
UNR give LOC+hand+3S.POS AB+person male+MED child+CONS AB+person & NEI+ANIM.P+MED 3P.DEP UNR slay
they will hand over into the hands of men the Son of man and those ones will slay him

225.

inan otow **iniben** **ngabuna** **priest ogoda** … **mibuna** ri nan mwid angogen bwe enim ima Mark 10:33 1976
UNR give LOC+hand+3S.POS E+ANIM.P+MED priest 3S.DEP+high NEI+ANIM.P+MED 3P.DEP UNR separate word+CONS for 3S.DEP+MOD die
they will hand (him) over into the hands of those high priests…those ones will judge (him) that he should die

226.

emek ina epowi n kumo ion, **ñañena** rõ õreit ekeowina eat ijeiji eat etowedũdũ:
3S.DEP+dwell there AB+large.group CONS pig INDf E+CL26[27]+MED 3P.DEP PROG persist on+3S.POS AB+eat on+3S.POS AB+hill
mõ rõ kõñ a bwe e nim õijõn ũra ea **mũñena** ikumo bwe re nim metu iara Lu 8:32
& 3P.DEP request to for 3S.DEP MOD send 3P.OBJ to NEI+CL26[27]+MED AB+pig for 3P.DEP MOD go.in in+3P.POS
there was there a herd of swine, which animals were persisting in eating on the mountain and they requested him that he should send them to those swine that they might enter into them

227.

ita meg ina ikumo epowin ebwak…me **ngabuna** re egegee bwe enim oiya ura
only dwell there AB+pig INDF+CL29[30] numerous & E+ANIM.P+MED 3P.DEP entreat for 3S.DEP+MOD give+to 3P.OBJ
toworangin metuw ian burioun **mibuna** Lu 8:32 1976
opportunity+3P.POS+VNI+CONS go.in+DIR9 in+3S.POS innards+CONS NEI+ANIM.P+MED
there was there a large herd of swine … and those ones entreated (him) that he should give them their opportunity to enter into the hearts of those ones

228.

me Josef o ñowen me ananien **ñabüna** ediedin. me **mibüna** ñaga re eätien
& Joseph 3S.DEP go+PERF & look.for+PERF E+ANIM.P+MED sibling+RED+3S.POS & NEI+ANIM.P+MED TEMP+MED 3P.DEP see+PERF
iö e tük inn o goeow Nuw18:3
COND 3S.DEP again yonder 3S.DEP afar
and Joseph then went and then looked for those, his brothers. And those ones, when the had seen him when he was yet far off …

17. Spread of Demonstrative Features.

Over time, the spatial suffixes of the simple general demonstratives, and the emphatic and non-emphatic prefixes of the general demonstratives came to be fused with other elements in the Nauruan language, so that by the early 20th century Nauruan had developed demonstratives in the following eight domains, in addition to the original general demonstratives:

1. Animate Demonstratives
2. Gender-specific Demonstratives
3. Animate Demonstratives incorporating numeral functions
4. Gender-specific Demonstratives incorporating numeral functions
5. Direct address (vocative) demonstratives
6. General Cardinal Numerals incorporating demonstrative functions
7. Classifiers incorporating demonstrative functions
8. Classifiers incorporating demonstrative and numeral functions

The only divergence is that a different set of the spatial suffixes is used when the numeral system is incorporated into the demonstrative system. The only exception being in early fossilized animate numerals from 1 to 4. The 'normal' set is ***-ne, -na, -no***, but these use a secondary set, ***-e̱, -e̱a, -e̱o***.

18. Animate Demonstrative.

The singular General Demonstratives detailed above (Sections 7 – 15) are also used for animate beings without reference to gender.

For the Animate Plural Demonstrative, a fusion has occurred with the element *'bun'* (phonemiced as [b^{j}un] in Hodges 2020:262).

19. Animate Demonstrative Plural.

The plural forms for animate beings without reference to gender are based on the fusion of the demonstrative/spatial elements with the element '*bun'*, animate plural marker.

The root '*bun'* is also found in the word '*ibun'*, *'some/others'* (phonemiced as [ib^{j}un] in Hodges 2020:262).

Table 20. Animate Demonstrative, Plural Forml.

Proximity ↓	Form →	Simple Form	Emphatic Form (E)	Non-Emphatic *min-* Form (NEI)	Non-Emphatic *mu-* Form (NEII)
Proximal		bune bũne bine	ngabune ñabũne	minibune minibũne mibune	mubune mũbũne
Medial		buna bũna bina	ngabuna ñabũna	minibuna minibũna mibuna	mubuna mũbũna
Distal		buno bũno bino	ngabuno ñabũno	minibuno minibũno mibuno	mubuno mũbũno

In this study the *'bun'* element is glossed as 'ANIM.P' in the interlinear examples.

Examples of Animate Plural Demonstrative:

229.
waña temoniba etsiet oniñ bũne bwe re jũrũñ Ge 33:13
RPOSS+1S.POS lord 3S.DEP+know young ANIM.P+PROX for 3P.DEP weak
my Lord knows these children that they are delicate

230.
tsin ia wo ogin omeata mibũna eñame Ex 3:12
COND 2S.DEP complete+CONS bring.out NEI+ANIM.P+MED AB+person
when you have finished bringing out those people

231.
bwũ ũra ñabũna re eow mibũne eñame re eken ũra imin in kapudu;
for 3P.IND E+ANIM.P+MED 3P.DEP lead NEI+ANIM.P+PROX AB+person 3P.DEP make+PERF 3P.IND AB+thing CONS CAUS+fall
me ã õekeowien ñabũna ã eow itũrũra Is 9:16
& 3S.DEP FAC+be.not+DIR+PERF E+ANIM.P+MED 3S.DEP lead by+3P.POS
for those leading this people have become a stumbling-block and those being lead by them have become nothing

232.
Rahel enoñi mibũna ñain Matt 2:18
Rachel 3S.DEP+weep+APPL2 NEI+ANIM.P+MED child+3S.POS
Rachel weeps for her children

234.
bwõ ũga bet aũra õmamado propheten ñabũno ian obwemiã Matt5:12
for be.thus also GPOS+3p RED+hurt prophets E+ANIM.P+DIST in+3S.POS before+2p
[for thus were the tribulations also of the prophets who were before you]

235.
amwañ ogiten kaiõt bwe ã pan añen ñabũno eat edae ñago me ñago, wo nim eõ abab ñame Matt 5:21
2P.DEP+VNI COMP hear for 3S.DEP speak to+VNI+PERF E+ANIM.P+DIST on+3S.POS AB+time TEMP+DIST & TEMP+DIST 2S.DEP MOD NEG smite+RED person
you had heard that it had been spoken to those distant ones inpast times, you must not kill people

236.
tsin ia amwa ta kamawirei etsietsimiã, ekõ ñea amwa ririñ ñea ouwak eken ea ñabũna ibũn? Matt 5:47 1976
COND 2P.DEP only greet+APPL sibling+RED+2P.POS be.not E+MED 2P.DEP do E+MED big INDF+CL20[21] to E+ANIM.P+MED some
and if you just greet your brothers, what is it you do that is greater than those others?

237.
mõ õ õmeata mibũn anin eat eñog ta aeijin Matt 8:16
& bring.out NEI+ANIM.P+MED spirit+3.POS on+3S.POS AB+word only one+CL11[7]
and he brought those spirits out with just one word

238.
Jesus oiyot eaeow mibuna oea me arumen me dogereiy ura Matt 10:5 1976
Jesus send. out towards NEI+ANIM.P+MED ten.living.beings & NP+two+ANIM & command+APPL 3P.OBJ
Jesus sent away those twelve men and gave them commands

239.
teo n burioun amea Etongumie ngea emeg ian oeron, bwe nim gaturae ion
only+NEG CONS innards+3CONS male+MED father+2P.POS E+MED 3S.DEP+dwell in+3S.POS cloud for MOD mishap INDF
ean mibune eoning Matt 18:14 1976
on+3S.POS NEI+ANIM.P+PROX AB+young
it is not the will of your Father who is in heaven, that one out of these little ones should suffer harm

240.
ngagan mibuna ri nan eke ura amen mwid angogomie ngamie Matt12:27 1976
therefore NEI+ANIM.P+MED 3P.DEP UNR act.as 3P.IND male+CONS separate word+2P.POS E+2P.IND
therefore those ones will act as judges of you

241.
ngabuna re iwid burioura ean aen amea Jonas Matt 12:41 1976
E+ANIM.P+MED 3P.DEP turn innards+3P.POS on+3S.POS word+CONS male+MED Jonah
[those ones repented by the word of Jonah]

242.
mibuna ri nan pwan angogen okaduraiyen ngabune Matt 12:41 1976
NEI+ANIM.P+MED 3P.DEP UNR tell to+VNI+PERF CAUS+err+APPL+3S.POS.GER E+ANIM.P+PROX
and those one will tell of these ones being condemned

243.
etimine inon inimagen ngabune ro reita oeiyo ine, ngabuna re eab uiy bita ima Matt 16:28 1976
3S.DEP+exist others among+3S.POS E+ANIM.P+PROX 3P.DEP PROG stand here E+ANIM.P+MED 3P.DEP UNR+NEG taste NEIII+MED AB+die
there are others among these ones standing here, those ones will not taste death

244.

mwa oiya ko ngabune kaiyuyu towora Matt 19:14 1976
2S.DEP give.to COMM E+ANIM.P+PROX small opportunity+3S.POS
give these little ones their opportunity

245.

ang nan erow i brot bwe re nim yeiyi ngabune? John 6:5 1976
1P.INC.DEP UNR buy where bread for 3P.DEP MOD eat E+ANIM.P+PROX
where shall we buy bread for these ones to eat

246.

wo auwe eo eken a ngabune aiyok ? John 21:15 1976
2S.DEP love 1S.OBJ INDF20[21] to E+ANIM.P+PROX or+no
do you love me more than these ones

247.

adamonit imin anim otubwa amen bwio me amen bwio kor turename ita ura tsied ura,
beginning+CONS AB+thing 1S.DEP+MOD thank male+CONS home+1S.POS & male+CONS home+1S.POS INTENS near+to+1S.DAT only 3P.IND know 3.P.IND
amen bwio me dango ian wanga tekawa me mibuna dango kor hsd-17p-20070828
male+CONS home+1S.POS & companion+1S.POS in+3S.POS RPOS+1S.POS district & NEI+ANIM.P+MED companion+1S.POS INTENS
firstly, I must thank my kinfolk and my close kinfolk (they know who they are), my kinfolk and friends in my district and my close friends

248.

tsinia tsimine call dogit ambulance eita oa mibuna staff ngabuna senior iat emergency

COND exist call rason+CONS ambulance female+MED or NEI+ANIM.P+MED staff E+ANIM.P+MED senior in+3S.POS emergency

ura nan edegeri ngona ambulance [hsd-16p- 20070720

3S.IND UNR follow E+CL12[5]+MED ambulance

if there's a call for an ambulance, she - or her senior emergency staff - will follow the ambulance

20. Gender Specific Animate Demonstratives.

Further animate demonstratives are formed where the gender of those identified is required to be highlighted, so there are male specific demonstratives and female specific demonstratives.

21. Use of *'amen'.*

In this study, *'amen'* is glossed as 'male (+CONS – Construct Suffix)'.

However, where the element *'amen'* occurs in the very limited set of fused animate cardinal numerals and animate demonstrative numerals it is glossed as 'ANIM – Animate', and the forms are used for either gender.

Hodges (Hodges 2020:264) - who phonemicizes *'(a)men'* as [-mʲen] - suggests that it is the reflex of Proto-Micronesian *manu, 'living creature'.

If this is the case, *'(a)men'* was only later re-analyzed to mean 'male (+ Construct Suffix)', as this is the meaning now associated with it - as in the oft-used determiner phrase '*amen* + N or V', 'man for X, man associated with X'. In this newer, restricted meaning of 'male', further developments occurred in the demonstratives, whereby the element *'amen'* (which by now only had its modern meaning of 'male') was suffixed to the General Demonstrative: Augmented Simple forms for the singular and to the Animate Plural marker '*bun'* for the plural forms to produce male-specific demonstratives (Section 22) , and *'amen'* was suffixed to the pre-existing Animate Demonstrative Numerals to produce male-specific demonstrative numerals (Section 27).

Examples of *'amen'* with its 'Animate' function:

Animate Cardinal Numeral:

a, Numeral Prefix + ro, two + amen > arumen, two living beings (without reference to gender)

a, Numeral Prefix + yu, three + amen > aiyimen, three living beings (without reference to gender)

a, Numeral Prefix + a, four + amen > amen, four living beings (without reference to gender)

The vowel sandhi exibited by the numeral root forms is not understood by this writer.

From these are derived the simple forms of the animate demonstrative numeral which can be combined with most of the prefixes that developed in the General Demonstrative set (i.e. nga-, min-, mu-) – see Section 27.

Examples of *'amen'* with its 'Male' function (See Sections 22 and 28):

amen + rumena > amerumena, those two males

amen + yimena > ametiyimena, syncopated form: ametsimena, those three males

amen + eune > ametune, this male

22. Male Demonstrative.

The Male Specific Demonstratives are fused forms based on two markers:

'amen', fused with the General Demonstrative: Augmented Simple forms (see Section 7.2) ;

'amen', fused with '*bun*'; this animate plural marker has already been met with in Sections 18. And 19 .)

Table 21. Male Demonstrative, Singular Form.

Proximity ↓	Composition		Fused Form	Syncopated Form
	Male marker	General Demonstrative: Augmented Simple		
Proximal	amen	eune	ametune	amune
				Other Syncopated Form
				tune
Medial	amen	euna	(*ametuna – Unattested)	ameta
				Further Syncopated Form
				amea
Distal	amen	euno	ametuno	amuno
				Other Syncopated Form
				tuno

Table 22. Male Demonstrative, Plural Form.

Proximity ↓	Composition			Fused Form	Syncopated Form
	Male marker	Animate Plural Marker	Spatial Suffix		
Proximal	amen	bun, bũn	ne	amebune, amebũne	ambine, bune
Medial	amen	bun, bũn	na	amebuna, amebũna	ambina, buna
Distal	amen	bun, bũn	no	amebuno, amebũno	ambino, buno

The origin of the singular forms is(but see Footnote 1 Page 407)

Singular Proximal forms

amen + eune > ametune [in accordance with the Nauruan denasalization phonological process]
↓
ametune > amune [via syncopation]
↓
tune [via syncopation]

Singular Medial forms

*amen + *euna > *ametuna [in accordance with the Nauruan denasalization phonological process]*
↓
**ametuna > ameta [via syncopation]*
↓
amea [via syncopation]

Singular Distal forms

amen + euno > ametuno [in accordance with the Nauruan denasalization phonological process]
↓
amuno [via syncopation]
↓
tuno [via syncopation]

The only difference between the General Demonstrative derived forms (*nga-*, *min-*, *mu-*) (Sections 7 - 15) and the Male Demonstrative appears to be that the Male Demonstrative set is not used as relativizer.

Unless special emphasis is evident, when the Male (and Female) Demonstrative are followed by a proper name or a kinship noun, the gender specific demonstratives appear to act with little demonstrative function, they merely signify the gender/gender and number of the named individual/s and do not require an English translation, or if one is needed, the definite article may be appropriate.

Examples:

249.

amebũna ñaiñain Gott re ãt **ãinibũna ñaiñait eñame**
male+ANIM.P+MED chiild+RED+CONS God 3P.DEP see female+ANIM.P+MED child+RED+CONS AB+person
bwo omo aiaeõra Ge 6:2
for 3S.DEP+good see+3P.GER
the sons of God saw the daughters of men, that they were good looking

250.

ñag **amebũna ñaiñain Gott** rõ õni **ãinibũna ñaiñait eñame** Ge 6:4
TEMP+MED+ male+ANIM.P+MED child+RED+CONS God 3P.DEP seek female+ANIM.P+MED child+RED+CONS AB+person
at that time the sons of God sought out the daughters of men

251.
mo o oija añen **amebũna** **ñain** Ge 30:35
& give to+VNI+PERF male+ANIM.P+MED child+3S.POS
and he then gave them to his sons

252.
wo eõ daiñõ amo ia A nim agu men **amebũna**
2S.DEP NEG wait+1S.OBJ first COND 1S.DEP MOD lean.in eye+3CONS male+ANIM.P+MED
me ãinibũna **ñaiũ**? Ge 31:28
& female+ANIM.P.MED child+1S.POS
you did not wait for me first that I should kiss the faces of my sons and daughters?

253.
amebũna **ñaiñain** **Jakob** ñaga rõ kaiõt, re redõt atsin añe: mo ouwak aũra roe amebũna Ge 34:7
male+ANIM.P+MED child+RED+CONS Jacob TEMP+MED 3P.DEP hear 3P.DEP return+PERF from+3S.POS on.ground & great GPOS+3P.POS heavy male+ANIM.P+MED
the sons of Jacob, when they heard it, then returned from the field and the sadness of those men was great

254.
Sichem ũge a etõñit ãita ma **amebũna** **etsietsin** Ge 34:11
Shechem say to father+CONS female+MED & male+ANIM.P+MED sibling+RED+3S.POS
Shechem said to the father of that woman and her brothers

255.
iruwin aijũbũm, ñaga re maga, arumen inimagen **amebũna** **ñain** **Jakob**, ñarumena Simeon me Levi,
after+3S.POS NP+three+CL5[11] TEMP+MED 3P.DEP pain NP+two+ANIM among+3S.POS male+ANIM.P+MED child+CONS Jacob E+two+ANIM+MED Simeon & Levi
ñarumena etsin Dina, ar barũ wañarõr pudutũbwin Ge 34:25
E+two+ANIM+MED sibling+CONS Dinah 3D.DEP take RPOS+3D.POS sword
after three days, when they were still in pain, two among the sons of Jacob, those two Simeon and Levi, those two brothers of Dinah, took up their swords

256.
amune eiy **amea** **Jesus** Matt 21:11 1976
male+PROX 3s male+MED Jesus
[this man is Jesus]

Other examples of the Male Demonstrative:

257.
amune tekeijien ion eadei Ge 3:22
male+PROX like+PERF INDF to+1T.OBJ
this man has become like one among us three

258.
amune nan kegai gada Ge 5:29
male+PROX UNR comfort 1P.INC.OBJ
this man will comfort us

259.
õten, wo teñ edegeri amune õa iõk? Ge 24:58
TAG 2S.DEP want follow male+PROX or no
do you want to follow this man or not?

260.
ijegen amuno õreita dũgidugo…? Ge 24:65
who male+DIST PROG walk
who is the man yonder who is walking?

261.
e tik iriet ebõken eren ion, ma amebũna re tik akeaten Ge 26:21
3S.DEP still dig+PERF well INDF & male+ANIM.P+MED 3P.DEP still fight+COM2+PERF
again another well was being dug and those men were then quarrelling over it

262.
amebũna re eõ akeaten ñea Ge 26:22
male+ANIM.P+MED 3P.DEP NEG fight+COM2+PERF E+MED
those men did not then quarrel over that

263.
amebũna re redõ a Jakob Ge 32:6
male+ANIM.P+MED 3P.DEP return to Jakob
those men returned to Jakob

264.
amebũna ñaiñain Jakob ñaga rõ kaiõt, re redõt atsin añe: mo ouwak aũra roe amebũna Ge 34:7
male+ANIM.P+MED child+RED+CONS Jacob TEMP+MED 3P.DEP hear 3P.DEP return+PERF from+3S.POS on.ground & great GPOS+3P.POS heavy male+ANIM.P+MED
the sons of Jacob, when they hear it, then returned from the field and the sadness of those men was great

265.
amebũna ñain Jakob rõ õnei aen Sichem me Hemor ñea etõñin iat iderũga Ge 34:13
male+ANIM.P+MED child+CONS Jacob 3P.DEP answer word+CONS Shechem & Hamor E+MED father+3S.POS in+3S.POS AB+deceive
those sons of Jacob answered the words of Shechem and Hamor his father with deceit

266.
omo kõr deden amebũna ea gada Ge 34:21
3S.DEP+good ways+CONS male+ANIM.P+MED to 1P.INC+OBJ
the behaviour of those men towards us is very good

267.
amebũna rõ pan a gamar bwe ro kona n mek itũrida ta iat deden ñune Ge 34:22
male+ANIM.P+MED 3P.DEP speak to 1D.EXC+OBJ for 3P.DEP able CONS dwell by+1P.INC.OBJ only in+3S.POS ways+3S.POS E+PROX
those men spoke to the two of us that they can live with us only in this fashion

268.
amebũna ñain Jakob re naña eñame ñabũna ã abi Ge 34:27
male+ANIM.P+MED child+CONS Jacob 3P.DEP go.to AB+PERSON E+ANIM.P+MED 3S.DEP slay
the sons of Jacob went to the people, those who were slain

269.
re eõ edegeriet erowin amebũna ñain Jakob Ge 35:5
3P.DEP NEG follow+PERF behind+3S.POS male+ANIM.P+MED child+CONS Jacob
they did not then follow after the sons of Jacob

270.

bita eoniñ in eman emamek epo a amebũna ñain Bilha me Silpa, arumen aget etõñin Ge 37:2
NEIII+MED AB+young CONS AB+male 3S.DEP+dwell+RED together.with to male+ANIM.P+MED child+CONS Bilhah & Zilpah NP+two+ANIM spouse+CONS father+3S.POS
that young man was dwelling together with the sons of Bilhah and Zilpah, two of his father's wives

271.

amebũna etsietsin re ãt bwe etõñũra auwã eken ea etsietsin memak Ge 37:4
male+ANIM.P+MED sibling+RED+3S.POS 3P.DEP see for father+3P.POS love INDF+20[21] to sibling+RED+3S.POS all
his brothers saw that their father loved him more that all his brothers

272.

ñaga Joseph õbaiwõñ amebũna etsietsin Ge 37:23
TEMP+MED Joseph 3S.DEP+reach male+ANIM.P+MED sibling+RED+3S.POS
at that time Joseph reached his brothers

273.

wo nim õmeatu anewak amebũne Ge 43:16
2S.DEP MOD bring.in at.home male+ANIM.P+PROX
bring these men into the home

274.

eogoda kõ me edegeri erowin amebũna Ge 44:4
3S.DEP+arise COMM & follow behind+3S.POS male+ANIM.P+MED
get up and follow behind those men

275.

õten araquin an amune ekei ime ea gada? Ex 10:7 [INVERTED POSSESSIVE]
how long+CONS GPOS+3S.POS male+PROX make+3S.POS.IND AB+snare to 1P.INC.OBJ
how long will this man's becoming a snare to us be?

276.

ã õrig amebũna amen ea eñame ñea magit ouwak i Gath 2Sa 21:22
3S.DEP FAC+create male+ANIM.P+MED four+ANIM to AB+person E+MED exhaust+CONS great in Gath
those four men were generated by the 'giant' of Gath

277.

eiwin a ima amune Je 26:11
fitting to AB+die male+PROX
it is fitting for this man death

278.

amune eiy Ngaiu a oreit auwe Matt 3:17 1976
male+PROX 3S.IND child+1S.POS 1S.DEP PROG love
this man is my Son whom I am loving

279.

tin ia ouge a amune, nuwa ko me nuwawen ngune; me ea tuk ion, tuko me tu n amea Matt 8:9 1976
COND say to male+PROX go COMM & go+PERF E+PROX & to yet INDF come+COMM & come PERF male+MED
if [I] say to this man, go!, and this one proceeds to go; and to another, come!, and that man proceeds to come

280.
ibũn ean amen edar rõ ũge iara, õkabakai Gott amune Matt 9:3
some on+3S.POS male+CONS AB+write 3P.DEP say in+3P.POS FAC+CAUS+BAD+APPL God male+PROX
some among the scribes said among themselves, this man causes evil upon God

281.
oreita kabakeiy egen God amune ! Matt 9:3 1976
PROG CAUS+bad+APPL name+CONS God male+PROX
this man is causing evil upon God's name!

282.
õten, ñait David amune? Matt 12:23
TAG son+CONS David male+PROX
is this man the son of David?

283.
ngaiten naga amea David amune? Matt 12:23 1976
son+3S.POS+PERF directly male+MED David male+PROX
is this man now the son of David?

284.
amune eõ õmeata demonis ie e eõ õmeata ũra eow itũrin Beelzebub Matt 12:24
male+PROX NEG bring.out demons COND – NEG bring out 3P.OBJ DIR by+3S.POS Beelzebub
this man does not expel demons if he does not expel them by Beelzebub

285.

amune oreit oiyot inna ngabuna eanni ebaka bwe eow ean amea Belsebub Matt 12:24 1976
male+PROX PROG send there E+ANIM.P+MED AB+spirit 3S,DEO+bad for DIR on+3S.POS male+MED Beelzebub
this man is expelling those evil spirits for it is by Beelzebub

286.

õñaũn i manin amune me ñane emakur in kamadauniñ? Matt 13:54
come.from where wisdom+CONS male+PROX & E+PROX.P AB+work CONS astound
from where has the wisdom of this man and these astonishing works come?

287.

atin i mwanin amune me oaeoun in riring mungana wunder? Matt 13:54 1976
from+3S.POS where wisdom+CONS male+PROX & power+3.POS CONS do NEII+MED.P wonder
from where is the wisdom of this man and his power to do these wonders?

288.

t'eo ngain amea amen mogur eiy edabwike amune? Matt 13:55 1976
only+NEG child+3S.POS male+MED male+CONS work APPL AB+timber male+PROX
this man is not the son of the worker in wood [is he]?

289.

amune eiy ngea amea Johannes Baptista Matt 14:2 1976
male+PROX 3S.IND MP+MED male+MED John Baptist
this man is John the Baptist

290.

adaga naga aura riow eat traditio wot engab ngago mewak amebune ran am kereri? Matt 15:2 1976

why directly GPOS+3P.POS exchange on+3S.POS tradition RPOS+3S.POS AB+mature TEMP+DIST ancient male+ANIM.P+PROX branch+CONS GPOS+2S.POS CAUS+learn

why now their exchanging the tradition belonging to the elders of former times these, your disciples?

291.

ngaiu amune, a oreit auwe, ngune oreit oeibogieiy burio Matt 17:5 1976

child+1S.POS male+PROX 1S.DEP PROG love E+PROX PROG FAC+joy+APPL innards+1S.POS

this man is my son, I am loving (him), this one is making my heart rejoice

292.

bwe a teng oiya amune Matt 20:14 1976

for 1S.DEP want give.to male+PROX

for I want to give it to this man

293.

enim mawir amune oreit re eow ian eget Demoniba Matt 21:9 1976

3S.DEP+MOD bless male+PROX PROG come DIR in+3S.POS name+3S.POS Lord

this man coming in the name of the Lord should be blessed

294.

ijegen amune? Matt 21:10

who male+PROX

tho is this man?

295.
yegen amune? Matt 21:10 1976
who male+PROX
who is this man?

296.
amune eiy amea Jesus Matt 21:11 1976
male+PROX 3s male+MED Jesus
this man is Jesus

297.
ri nan maan amune ngaiu Matt 21:37 1976
3P.DEP UNR respect male+PROX child+1S.POS
they will show respect for my son

298.
amen ogok eb amune, ang abi ko Matt 21:38 1976
male+CONS take land male+PROX 1P.INC.DEP slay COMM
this man is the heir, let us kill him

299.
ngagan, mwa yoridanit tinin ko amune bita talent
therefore 2P.DEP take.away from+3S.POS COMM male+PROX NEIII+MED talent
me mwa oiya ko amea ngea emeg turin talent ata Matt 25:28 1976
& 2P.DEP give+to COMM male+MED E+MED 3S.DEP+dwell by+3S.POS talent ten
therefore take away from this man the talent and give it to that man who has the ten talents

300.
amune ũge.... Matt 26:61
male+PROX say
this man said….

301.
ouge aen amune …. Matt 26:61 1976
say word+CONS male+PROX
the words of this man said….

302.
amune emek bet itũrin Jesu dei Nazareth Matt 26:71
male+PROX 3S.DEP+dwell also by+3S.POS Jesus only+3S.POS.IND Nazareth
this man also was with Jesus of the Nazarenes

303.
amune bed ita meg tangin amea Jesus Matt 26:71 1976
male+PROX also only dwell by+3S.POS male+MED Jesus
this man also was with Jesus

304.
adaga wo eo kaiyot mungana imin okanani amebune ro reit ebu on uw? Matt 27:13 1976
TAG 2S.DEP NEG hear NEII+MED AB+thing fearful male+ANIM.P+PROX 3P.DEP PROG stab COM 2S.OBJ
do you not hear the many things these ones are stabbing you with?

305.

A eõ dũra ea aran amune amen omo Matt 27:24
1S.DEP NEG sin to blood+CONS male+PROX male+CONS 3S.DEP+good
I have not sinned against the blood of this righteous man

306.

ekeow dogidogu nanga, ean aran amune eamet dereder Matt 27:24 1976
be.not+DIR guilt+RED+1S,POS E+1S.IND on+3S.POS blood+CONS male+PROX AB+male+CONS clean
there is no guilt of mine attached to the blood of this pure man

307.

Ah, amune awe, wo eiyabwabwa an tempel God Matt 27:40 1976
Ah, male+PROX 2S.IND 2S.DEP destroy GPOS+3S.POS temple God
Ah, you – the man here! you destroy the temple of God!

308.

iduweten, Ngain kor God amune! Matt 27:54 1976
true+PERF child+3CONS INTENS God male+PROX
it is now the truth (i.e. truly), this man was the very Son of God!

309.

amune enaña Pilatus mo kõñõten gatduwen Jesu Matt 27:58
male+PROX 3S.DEP+go.to Pilate & plead.for+PERF corpse+CONS Jesus
this man went to Pilate and then pleaded for the dead body of Jesus

310.
adaga ougan an torer amune? Mark 2:7 1976
why be.thus+PERF GPOS+3S.POS talk male+PROX
why has the speech of this man been such?

311.
õñaũn i mũñan itũrin amune? me eman keken ñea ã oija añen amune? Mark 6:2
come.from where NEII+MED.P+ by+3S.POS male+PROX & AB+wise what E+MED 3S.DEP give to+VNI+PERF male+PROX
those things by this man come from where? and what is wisdom that has been given to this man?

312.
amebune epon ngame eune ri ta eredu eon o mungana bwateora
male+ANIM.P+PROX together+CONS person AUG+PROX 3P.DEP only honour COM+PERF 1S.OBJ NEII+MED.P lip+3P.POS
me ogoeow amen mungana burioura Mark 7:6 1976
& 3S.DEP+afar to+1S.DAT+PERF NEII+MED.P innards+3P.POS
these peoples, they have just honoured me with their lips but their hearts have been far from me

313.
amen upwiyen eb amune Mark 12:7 1976
male+CON inherit AB+land male+PROX
this man is the heir

314.
iduwen õkõr bwa amune ei Ñain Gott Mark 15:47
AB+true INTENS for male+PROX 3S.IND child+CONS God
it is the very truth that this man is the Son of God

315.

wo oiyoten naga iat ieow amune am tiyo tekeiy aem Lu 2:29 1976
2S.DEP send+PERF directly in+3S.POS AB+peace male+PROX GPOS+2S.POS servant like word+2S.POS
you have now sent out in peace this, your manservant according to your word

316.

kania, eoeiyoraten amune Lu 2:34 1976
look 3S.DEP+set.up+PERF male+PROX
look, this [male child] has now been established

317.

õten, deõ amune ñain Joseph? Luke 4:22
TAG only+NEG male+PROX child+CONS Joseph
is not this man the son of Joseph?

318.

adaga t'eo ngain amea Joseph amune? Lu 4:22 1976
TAG only+NEG child+CONS male+MED Joseph male+PROX
is not this man the son of Joseph?

319.

amebune engame ebwak ro reit owongodaw me ro youwuw Lu 8:45 1976
male+ANIM.P+PROX AB+person numerous 3P.DEP PROG crowd.in+to+2S.OBJ & 3P.DEP push+2S.OBJ
these numerous men, they are crowding in on you and pushing you

320.
wo nim raña amune Lu 10:35
2S.DEP MOD keep.to male+PROX
you must take care of this man

321.
t'eo amune bwe amea Barabbas John 18:40 1976
only+NEG male+PROX for male+MED Barabbas
[it is] not this man but Barabbas

322.
tin ia wo eatow amune me inan t'eo awe dangen amea Caesar John 19:12 1976
COND 2S.DEP release male+PROX & UNR only+NEG 2S.IND friend+CONS male+MED Caesar
if you release this man, you will not be a friend of Caesar

323.
ñaga re ebwepoda amebũna Ac 1:6
TEMP+MED 3P.DEP gather.together+RED+DIR1 male+ANIM.P+MED
when those men were gathered together

324.
amune Jesus eiy amea ngea God orida Ac 2:32 1976
male+PROX Jesus 3S.IND male+MED E+MED God FAC+get.up
this Jesus is the one whom God raised up

325.

adaga naga mwa oreita mwitongon bitune oa adaga naga mwa oreita kania kamar
why directly 2P.DEP PROG amaze+COM NEIII+PROX or why directly 2P.DEP PROG behold 1D.EXC.OBJ
bwe tekeiy amar odugidugoien amune ian ta oaeoumar Ac 3:12 1976
for like GPOS+2D.EXC.POS FAC+walk+3S.POS.GER male+PERF in+3S.POS only strong+1D.EXC.POS
why now are you surprised with this thing or why now are you looking at the two of us as though our making him walk was by just our power

326.

dogin ngune me a oreaten kor amune ian memie Ac 25:26 1976
reason+3S.POS E+PROX & 1S.DEP bring+PERF INTENS male+PROX in+3S.POS eye+2P.POS
for this reason I did then bring this man before you

327.

tubura einibuna en amebuna emwan 1Co 11:3 1976
head+3P.POS female+ANIM.P+MED AB+woman male+ANIM.P+MED AB+man
the head of women are men

328.

bwe ã pan Amune bwe ewin a eraitsit ñea ouwak eken a raitsitsin Moses He 3:3
for 3S.DEP speak male+PROX for fitting to AB+glory E+MED great INDF+CL20[21] to glory+RED+CONS Moses
for this man is spoken of that it is fitting for him greater glory than the glory of Moses

329.

ateng nominate eiy amune wanga colleague ine iruru hsd 17p 12
1S.DEP+want nominate APPL male+PROX RPOS+1S.POS colleague here alongside+1S.POS
I wish to nominate this man here, my colleague here by my side

330.

otubwa amune dogin an nominate eiyo hsd 17p 17

thank male+PROX reason+3S.POS GPOS.+3S.POS nominate APPL+1S.OBJ

[I] thank this man here for his nominating me

331.

anga ibibogin kaiot amune Member for Ubenide pan hsd 17p 28

1S.IND joy+RED+CONS hear male+PROX Member for Ubenide speak

I am happy to hear the Member for Ubenide speak

332.

tubwa Speaker bwe wo iedo ian obwen amuno wanga colleague hsd 17p 20

thank Speaker for 2s.dep see+1S.OBJ in+3S.POS before+3S.POS male+DIST RPOS+1S.POS colleague

[thank [you], Mr Speaker, for you saw me [raise my hand] before that man yonder, my colleague

333.

eken ngea an dae in pudu ametune ? NHSQ

what E+MED GPOS.3S.POS time CONS fall male+PROX

what is this man's birthday?

334.

ibu amtune eoning ne PC

grandson+1S.POS male+PROX AB+young here

the male child here is my grandson

23. *rar* Demonstrative (Secondary Singular Male Demonstrative).

There is a secondary singular male-specific demonstrative, only in the singular.

This element is fused with the General Demonstrative Simple Singular forms.

As with the Male Demonstrative set, it is not used as a relativizer.

Kayser lists '*rar*' in his table of Personal Pronouns with some funcion as 3rd person singular independent pronoun and objective pronoun (1936:18).

Table 23. rar Demonstrative (Secondary Singular Male Demonstrative).

Proximity ↓	Composition	Fused form
Proximal	rar + une	rarune
Medial	rar + ia	raria
Distal	rar + uno	raruno

Examples:

335.

A kõñ aw bwe wo nim kania rarune ñaiũ mõ kananoañei Lu 9:38

1S.DEP request to+2S.OBJ for 2S.DEP MOD behold *rar*+PROX child+1S.POS & c ompassion+APPL

I ask of you that you should look on this my son and have compassion on him

336.
rangeduwa ko rarune Lu 10:35 1976
care+DIR2+DIR9+to COMM *rar*+PROX
take care of the man here

337.
bwe man rarune ngaiu me tuk timoredan Lu 15:24 1976
for die+PERF *rar*+PROX child+1S.POS & again live+DIR1+PERF
for this my son here was already dead, and he is now alive again

338.
ogen garõ ñea bwe awe wo tsiet ñana ogen, me ada memak Members ine
finish+PERF clear E+MED for 2S.IND 2S.DEP know E+MED.P finish+PERF & 1P.INC.IND all members here

339.
añ tsiet rarune õrin redo ñei hsd 13p
1P.INC.DEP know *rar*+PROX IMM return 3S.IND
so, it is clear that you know that it over, and all our members here, we know this man is about to return

From the very limited recorded examples, the '*rar*' element seems to imply a fondness or close acquaintance (see Johnson 2002:52).

Examples of *'rar'* as a personal pronoun:

340.
wo man oa ijök iö wo ñati' renemi' rar? NG8
2S.DEP wise or no CONDt 2S.DEP reveal dream+CONS *rar*
you are wise or not that you reveal his dream?/ can you interpret the dream of his?

341.
iduö' rar NG9
3S.DEP+true *rar*
he is right

342.
ogen rar eo gona dorer bwe "Akumo", ekeow ei ien hsd 13p 19980515 60
finish+PERF *rar* NEG able talk as *Akumo* be.not+DIR 3S.IND AB+female
ok, he cannot talk as "Akumo"; he's not female

24. *angame* Demonstrative (Secondary Singular Male Demonstrative).

As with the 'rar' Demonstrative set, this set is present only in the singular.

'angame' is the word for "person, man". This element is fused with the Augmented General Demonstrative Simple Singular forms. As with the Male Demonstrative set, it is not used as a relativizer.

Table 24. angame Demonstrative (Secondary Singular Male Demonstrative).

Proximity ↓	Composition	Fused form	Syncopated Form
Proximal	angame + eune	angametune	Unattested
Medial	angame + euna	angametuna	angameta
Distal	angame + euno	angametuno	Unattested

The only written example of this demonstrative that I have been able to locate is as follows:

343.
o gaida ṅameta Akǭrǭ bu'e num oụ̣doụ̣do medenan ṅaimar inna aoh! NG220
3S.DEP come.up *angame*+MED Akoro for 3S.DEP MOD ask+RED way+CONS child+1D.EXC.POSS there oh
that Akoro has come up in order to enquire the way of our child there, oh!

The actual paraphrase given by Kayser to the above sentence is "now the stupid Akoro had to come to this very spot to inquire how our child was doing!", which might indicate that the *angame* Demonstrative had a pejorative connotation.

25. Female Demonstrative.

The Female Demonstrative is a fused form based on elements:

(1) ‘*en*’, fused with the General Demonstrative: Augmented Simple forms (Section 7.2) ;

(2) ‘*en*’, fused with ‘*bun*’; this animate plural marker has already been met with in Sections 19 and)

The origin of the singular forms is along the same lines as for the Male Demonstrative (Section 22), i.e. : (but see Footnote 1 Page 407)

Singular Proximal forms

en + eune > etune [in accordance with the Nauruan denasalization phonological process]
↓
tune [via syncopation]

Singular Medial forms

*en + *euna > etuna [in accordance with the Nauruan denasalization phonological process]*
↓
etuna > eta [via syncopation]

Singular Distal forms

en + euno > etuno [in accordance with the Nauruan denasalization phonological process]
↓
tuno [via syncopation]

The marker for ‘female’ is variously written ‘en’, or ‘ein [e̯in]. This is explained by Nathan (1973.1:12) who shows that a non-syllabic vocalic glide can follow /e/, i.e. [*e̯i*]; this would explain why there are two spellings for the ‘female’ seen in the noun for *‘woman’*, ‘*en*’, but which appears as ‘*ei*-‘ in the words ‘*eita*’ and ‘*einibuna*’, amongst others (both fused demonstratives based on ‘*en*’).

Derivation:

‘en, e̯in’, *‘female, woman’* - from Proto-Micronesian *feifine, woman: Kosraean *‘ɛn’*, Kiribati *‘aiine’*, Pohnpeian *‘peyn’*.

Table 25. Female Demonstrative, Singular Form.

Proximity ↓	Composition		Fused Form	Syncopated Form
	Female marker	General Demonstrative: Augmented Simple		
Proximal	en	eune	etune, eitune, ãitune	tune
Medial	en	euna	etuna, eituna, ãituna	eta, eita, ãita
Distal	en	euno	etuno, eituno, ãituno	tuno

Table 26. Female Demonstrative, Plural Form.

Proximity ↓	Composition			Fused Form
	Female marker	Animate Plural marker	Spatial Suffix	
Proximal	en	bun, bũn	ne	enibune einibune ãinibũne
Medial	en	bun, bũn	na	enibuna einibuna ãinibũna
Distal	en	bun, bũn	no	enibuno einibuno ãinibũno

The only difference between the General Demonstrative derived forms (*nga-*, *min-*, *mu-*) (Sections 7 - 15) and the Female Demonstratives appears to be that the Female Demonstratives are not used as relativizers.

Unless special emphasis is evident, when the Female Demonstratives are followed by a proper name or a kinship noun, the gender specific demonstratives appear to act with little demonstrative function, they merely signify the gender/gender and number of the named individual/s and do not require an English translation, or if one is needed, the definite article may be appropriate.

Examples:

344.
inimagem me ãitune Ge 3:15
between+2S.POs & female+PROX
between you and this woman

345.
amebũna ñaiñain Gott re ãt ãinibũna ñaiñait eñame
male+ANIM.P+MED chiild+RED+CONS God 3P.DEP see female+ANIM.P+MED child+RED+CONS AB+person
bwo omo aiaeõra Ge 6:2
for 3S.DEP+good see+3P.GER
the sons of God saw the daughters of men, that they were good looking

346.
ñag amebũna ñaiñain Gott rõ õni ãinibũna ñaiñait eñame Ge 6:4
TEMP+MED+ male+ANIM.P+MED child+RED+CONS God 3P.DEP seek female+ANIM.P+MED child+RED+CONS AB+person
at that time the sons of God sought out the daughters of men

347.
edũ ãitune Ge 20:2
sibling+1S.POS female+PROX
this woman is my sister

348.
A ũge a ãitune Ge 20:13
1S.DEP say to female+PROX
I said to this woman

349.
Abraham oija eadu eoniñ ñabũnã ñaiñait ãinibũn an konkubinen Ge 25:6
Abraham give.to AB+gift AB+young E+ANIM.P+MED child+RED+CONS female+ANIM.P+MED GPOS+3S.POS concubines
Abraham gave gifts to the children who were the chilldren of those women, his concubines

350.
mo o oija añen amebũna ñain Ge 30:35
& give to+VNI+PERF male+ANIM.P+MED child+3S.POS
and he then gave them to his sons

351.
wo eõ daiñõ amo ia A nim agu men amebũna
2S.DEP NEG wait+1S.OBJ first COND 1S.DEP MOD lean.in eye+3CONS male+ANIM.P+MED
me ãinibũna ñaiũ? Ge 31:28
& female+ANIM.P.MED child+1S.POS
you did not wait for me first that I should kiss the faces of my sons and daughters?

352.

ãinibũna wõn oniñ in ãn re dũgidugo areijet ekaw Ex 2 :5
female+ANIM.P+MED RPOS+3S.POS small CONS female 3P.DEP walk shore+CONS AB+stream
her female younsters walked along the river-side

353.

ijeget ãita ñea aiaen tekei ijoran Ca 6:10
who female+MED E+MED see+3S.POS.GER like LOC+morning
who is that woman whose appearance is like morning

354.

ãita ñea oquot imwit añõg ñago Is1:21
female+MED E+MED 3S.DEP+fill AB+separate word TEMP+DIST
she that was full of justice

355.

atin ian kor aua ia me timor ngait eita Matt 15:28 1976
from+3S.POS in+3S.POS INTENS hour MED & live child+3S.POS female+MED
from that very hour that daughter of hers was healed

356.

mangadat einibuna en re yeng Matt 24:19 1976
woe+PERF female+MED female 3P.DEP pregnant
woe to those women who are pregnant

357.

adaga naga amwa reit enongogeiy atebune ? emogur ion omo eitune eriring amen Matt 26:10 1976

why directly 2P.DEP PROG trouble female+PROX AB+work INDF 3S.DEP+good female+PROX 3S.DEP+work to+1S.DAT+PERF

why are you troubling this woman? a good work this woman has already done for me

358.

eo mat eitune eoning bwe ita miyimiy Mark 5:39 1976

NEG die+PERF female+PROX AB+young for only sleep

not dead this girl but only sleeps

359.

eitune eman agen Mark 12:43 1976

female+PROX 3S.DEP+die+PERF spouse+3S.POS

this woman her husband has died (i.e. this widow)

360.

eitune eriringien bita imin ogona iriring Mark 14:8 1976

female+PROX 3S.DEP+do+RED+PERF NEIII+MED AB+thing 3S.DEP+able AB+do

this woman has now done what she was able to do

361.

wo ed oaiyok eitune ? Lu 7:44 1976

2S.DEP see or+no female+PROX

do you see this woman or not

362
eitune orareon renimen mururaoe nano me omog on mungana iren tubwin Lu 7:44 1976
female+PROX FAC+wet+COM tear+3S.POS,POS NEII+two+CL30[3]+PROX foot+1S.POS & FAC+dry COM NEII+MED.P AB+hair+CONS head+3S.POS
sthis woman wetted his feet with her tears and dried them with her hair

363.
eitune, atin ngago oren emetu, me etiok rangedan agagu nano Lu 7:45 1976
female+PROX from+3S.POS TEMP+DIST IMM go.in & PINC finish+CONS lean.in+RED foot+1S.POS
this woman, from when I had just come in, she has not yet finished kissing my feet

364.
eitune obidotet eir in kabit mururaoe nano Lu 7:46 1976
female+PROX oil+COM+PERF AB+oil CONS CAUS+oil NEII+two+CL30[3]+PROX foot+1S.POS
she proceeded to oil his feet with fine oil

365.
eadien an dura eitune ebwak, dogin bwe ouwak an auwe Lu 7:47 1976
loosen+PERF GPOS+3S.POS sin female+PROX numerous reason+3S.POS for big GPOS+3S.POS love
he then forgave her many sins, because his love was great

366.
eo mat eitune eoning in en bwe ita miyimly! Lu 8:52 1976
NEG die+PERF female+PROX AB+small CONS female for only sleep
[this young girl is not dead for she is just asleep]

367.
timine idit eita iot en ngea Maria egen Lu 10:39 1976
exist sibling+3S.POS female+MED INDF AB+female E+MED Mary name+3S.POS
she had a sister called Mary

368.
eita ta megeda tangin nanan amea Demoniba bwe nim ta oiya yungen mineiyina aen Lu 10:39 1976
female+MED only sit.down by+3S.POS foot+3S.POS male+MED Lord for MOD only give ear+3S.POS NEI+CL11[5]+MED word+3S.POS
she sat by the feet of the Lord in order to give ear to his word

369.
eo oga burioum ngaga eitune idu oreita gorenio bwe nim ta anga egagarur ? Lu 10:40 1976
NEG want innards+2S.POS TEMP+MED female+MED sibling+1S.POS PROG leave+1S.OBJ for MOD only 1S.IND minister
Do you not care since my sister is leaving me so that only I should be at serving?

370.
ngea eamie ngea ekeow an dura, enim tamwid ot epe eitune amo John 8:7 1976
E+MED on+2p E+MED be.not+DIR GPOS+3S.POS sin 3S.DEP+MOD throw COM AB+stone female+PROX first
the one among you who has no sin, he first should throw stones at this woman

371.
kania, innom eitune! John 19:27 1976
behold mother+2S.POS female+PROX
look, this woman is your mother!

372.
eita ouge a amerumena John 20:13 1976
female+MED say to male+two+ANIM+MED
she said to those two men

373.
re eediet eita bwe eman Ac 5:10
3P.DEP see+PERF female+MED for 3S.DEP+die+PERF
they then saw her that she was already dead

374.
mwa awauwe ko einibuna agemie Col 3:19 1976
2P.DEP love+RED COMM female+ANIM.P+MED spouse+2P.POS
continue loving your wives

375.
eredu ko einibuna einumwen eman agen, einibuna okor eko apoiyen 1Ti 5:3 1976
honour COMM female+ANIM.P+MED female+CONS 3S.DEP+die+PERF spouse+3S.POS female+ANIM.P+MED INTENS be.not irregular.marriage+3S.POS
honour those women whose husbands have died, those women who really do not have irregular partners

376.
a teng bwe einibuna eman agora dedemaro eken re nim mere 1Ti 5:14 1976
1S.DEP want for female+ANIM.P+MED 3S.DEP+die+PERF spouse+3P.POS youth INDF+CL20[21] 3P.DEP MOD marry
I want for those younger women whose husbands have died more that they should marry

377.

amebuna omwan bet re nim emeg epo ea einibuna ian kain burioura 1Pet 3:7 1976
male+ANIM.P+MED male also 3P.DEP MOD dwell together.with to female+ANIM.P+MED in+3S.POS wise+CONS innards+3P.POS
men also should dwell together with women in wisdom of heart

378.

an oag äta NuwNT 3:1
GPOS+3S.POS house female+MED
her house

379.

bue e düm tuwuin aeae mät äta änimen ubuien ñea Elisabeth NuwNT 3:1
for 3S.DEP MOD go.CONS see+RED eye+CONS female+MED female+CONS home+3S.POS E+MED Elizabeth
that she should go to see the face of her, her female relative Elizabeth

380.

eken ngea an dae in pudu eitune? NHSQ
what E+MED GPOS+3S.POS time CONS fall female+PROX
what is her birthday?

381.

ean an pana aita iquiy, ogonat aitune bwe enim eo eraban Gott NB
on+3S.POS GPOS+3S.POS speak+to female+MED AB+deceive 3S.DEP+able+CONS female+PROX for 3S.DEP+MOD NEG obey God
by his speaking deceipt to her, he was able to get this woman to disobey God

382.

ekegen an makur aitune aget engame iat eamen bwieni? NB

what GPOS+3S.POS work female+PROX spous+CONS AB+person in+3S.POS AB+male+CONS be.in.kinship.relationship

what are the responsibilities of the wife in the family?

383.

einibune oaño ine ro kereri oa ekeow? hsd-13p-19981211

female+ANIM.P+PROX FV+six here 3P.DEP CAUS+learn or be.not+DIR

these six women here teach or not?

384.

goda ken duwon tune eoning ea ken eituno PC

tall INDF+CL20[21] flesh+3S.POS female+PROX AB+young to INDF+CL[20[21] female+DIST

this girl's body is taller than that girl's

26. *ateb* Demonstrative (Secondary Singular Female Demonstrative).

The *'ateb'* Demonstrative may well be the female counterpart to the *'rar'* Demonstrative (Section 23.), its being used in situations of endearment or close acquaitance (see Johnson 2002:52).

The element *'ateb'* fuses with the General Demonstrative: Simple, Singular forms.

Like '*rar*' (Section 13.) Kayser lists *'ateb'* in his table of Personal Pronouns with some function as 3rd person singular independent pronoun and objective pronoun (1936:18).

Like the other gender-specific demonstratives, it is not used as relativizer.

Table 27. ateb Demonstrative.

Proximity↓	Composition	Fused form
Proximal	ateb + une	atebune
Medial	ateb +ia	atebia
Distal	ateb + uno	atebuno

Examples:

385.
adaga naga amwa reit enongogeiy atebune? emogur ion omo eitune eriring amen Matt 26:10 1976
why directly 2P.DEP PROG trouble+APPL *ateb*+PROX 3S.DEP+work INDF 3S.DEP+good female+PROX 3S.DEP+do to+1S.DAT+PERF
why are you troubling this woman? this woman has performed a good work doing it to me

Examples of *'ateb'* as a personal pronoun:

386.
adaga amwa eñõñõgei ateb? Matt 26:10
why 2P.DEP trouble+APPL *ateb*
why do you trouble her?

387.
amwa eõ titirũei atep Mark 14:6
2P.DEP NEG provoke+APPL *ateb*
do not provoke her

388.

amwa eõ rewin ateb; bwe e nim raña ñune ea bũmin iriedueõ John 12:7 1976

2P.DEP NEG impede.from *ateb* for 3S.DEP MOD keep E+PROX to day+CONS bury+1S.GER

do not impede her for she must keep this until the day of my being buried

388A.

bwa atibun enim eõ ekei ion ñea ema Nu 12:12 'that she (my sister Miriam: Moses speaking) should not become (as) one who is dead'

27. Animate Demonstrative Numeral.

The Animate Demonstrative Numeral set is defective. It is based on the Animate Cardinal Numeral, which is also defective. The Animate Cardinal Numeral and Animate Demonstrative Numeral are used for humans (male and female) as well as other living creatures, and some concepts closely allied to human intercourse (such as ‘spirit’, ‘soul’).

Apart from the distinct animate forms given, recourse is made to the General Cardinal Numeral set for enumeration and the Demonstrative Cardinal Numeral for demonstrative functions (see Section 34).

27.1. General Cardinal Numeral.

As all numeral sets derive from the General Cardinal Numeral (except for suppletive forms), the following table sets out the General Cardinal Numeral. The General Cardinal Numeral is itself made up of a Numeral Prefix ‘*ɑ*-‘ followed by the numeral root. This Numeral Prefix is dropped when the numeral takes on demonstrative functions.

The folllowing points should be kept in mind when looking at the following table:

1. The orthographic convention used by Kayser in *Nauru Grammar* in the following table is

   ṅ = velar nasal /ŋ/ (otherwise written [ng] or [ñ]

2. The number '1' is spelt '*aiquön*' in *Nauru Grammar*; however, it is spelt '*aiquen*' in the 1918 Bible and '*aikwen*' in the 1976 New Testament. Hughes phonemicizes it as [ek^{w}en] (Hughes 2020:271).

3. The number '7' is spelt '*aeu*' in *Nauru Grammar*; however, it is spelt '*aeiu'* in both the 1918 Bible and the 1976 New Testament. Hughes phonemicizes it as [eiju] (Hughes 2020:271).

4. The number '8' is spelt '*auiju*' in *Nauru Grammar*; however, it is spelt *'aoju*' in the 1918 Bible and '*aoiyu*' in the 1976 New Testeament. Hughes phonemicizes it as [o̯ju] (Hughes 2020:271).

5. The vowel combination 'ai-' is now usually pronounced /e/, so:

   aikwen > ek^{w}en

   aiju > e̯ju

   aijimo > e̯jim^{j}o

6. The vowel comibation ‘au-, ao-‘ is usually pronounced /o/, so:

   auiju/aoiju *> o̯ju*

7. between vowels, /j/ (which represents the palatal glide) is moving towards a fricated allophone, [j̯]:

   aiju *> e̯ju*

   aijimo *> e̯jimʲo*

   aoju *> o̯ju*

   The exception is with the numerals ‘7’, ‘*aeiu*’, this is not pronounced with the fricated [j̯], Hughes phonemicizes it as [eiju].

8. The number ‘4’, ‘*aeoq, aeoqu-*‘ is phonemicized by Hughes as [æeokʷ] (Hughes 2020:271).

9. In Kayser’s Grammar, ‘5’ is invariably written ‘*ijimeo*’ ; Kayser (NG3) descibes this /e/ in ‘*ijimeo*’ as a “fleeting slide vowel”. ‘5’ is usually spelt ‘*aijimo*’ and is phonemicized as [e̯jimʲo] by Hughes (Hughes 2020:271).

10. The hundreds-suffix is spelt ‘*-uer, -uar*’ by Kayser, but as the 1918 Bible spells this suffix as ‘*-war*’, and the 1976 New Testament spells it as ‘*-wer*’ the ‘*-ue-, -ua-*’ has been taken to be a non-syllabic vowel glide+vowel sequence, ‘*-u̯e- , -u̯a-*’.

11. The vowel sandhi exibited by the numeral root forms and decade suffix ‘*-ma*’ and hundred suffix ‘*-wer*’ is not understood by this writer.

Table 28. General Cardinal Numeral

Units		Decades		Hundreds		Thousands	
1	aiquön aiquen, aikwen	10	ata	100	aibu	1000	araṅa
2	aro	20	anarama ararama	200	arobu		
3	aiju	30	animo	300	aijubu aiyubu		
4	aeoq aeokw	40	amma ama	400	abu		
5	aijimeo aijimo	50	aijima aiyima	500	aijimoo̱er aijimowar aiyimower		
6	aṅo año, ango	60	aṅoma aṅama añoma, angoma	600	aṅoo̱er añowar angower		

7	aeu aeiu	70	aemo	700	aeu̯er aew̆ar aewer	
8	auju aoju, aoiyu	80	aujumo aojumo	800	auju̯er aojuwar aoijuwer	
9	ado	90	aduma	900	adau̯er adaw̆ar adawer	

Note:

1. The differences in spelling reflect those found in *Nauru Grammar*, 1918 Bible and 1976 New Testament.

2. The numerals 20 and 30 appear to be derivations of the original forms, the original forms being used only in the Animate Numeral/Animate Demonstrative Numeral sets. (see Note to Table 29 in Section 27.3)

27.2. Function Vowel with Numerals.

Kayser gives two sets of General Cardinal Numerals (and from these the demonstrative numerals derive).

The first set he calls the “general abstract numeral denoting simply number and used in abstract calculations” and a second set which he calls the “special concrete numeral” which “numbers things” (NG68,70).

The only difference between the two is that the General Cardinal Numeral when used to “number things” (Kayser’s “special concrete numeral”) adds a ‘function vowel’ at the end of the tens, hundreds and thousands (NG:69).

The function vowel at the end of the numeral is either /e/ or /i/.

For numerals ending in /a/ and /o/ the function vowel is /e/

For numerals ending in /u/ the function vowel is /i/

But this function vowel does not applear in compound numerals (NG70).

This function vowel is uniformly present in the conditions described above in :

Animate Demonstrative Numeral, Section 27

Demonstrative Cardinal Numeral, Section 33

Classificatory Cardinal Numeral (not a focus of this study, discussed in passing Section 35.1)

Classificatory Demonstrative Numeral, Section 35.2

Distributive Numeral (not a focus of this study)

and the spatial suffixes *-o̱e*, *-o̱a*, *-o̱o/-u̱e*, *-u̱a*,*-u̱o* follow the function vowel where this is required (except in a few instances).

Examples:

389.

nan õten ia aijumoe? Gen 18:30

UNR how COND three+ANIM+FV

how will it be if there are thirty people?

390.

Isaak õkiãõ ean eb ia, mo o kona bet katubui ean obweni ia Gen 26:12

Isaac 3S.DEP+cultivate on+3S.POS land MED & 3s able also CAUS+100+FV on+3S.POS year MED

Isaac cultivated that land and gained also one hundred-fold by that land (*katubui* is from the Distributive Numeral category, which is not part of this study)

391.

ama memak ama nan quaraña mo katubui aw schekel in silber Judg 16:5

1P.INC.IND all 1P.INC.DEP UNR CAUS+1000 & CAUS+100+FV to+2S.OBJ shekel CONS silver

we all, we will effect, each of us, a distribution of 1100 silver shekels to you

(*katubui* is from the Distributive Numeral category, which is not part of this study – this example also does not follow Kayser's statement that the function vowel is dropped in compound numerals, so there must have been some variation in usage)

392.

me omedomedo ura ean aibui eobweni Ac 7:6

& oppress 3P.OBJ on+3S.POS 100+FV AB+year

[and oppress them for one hundred years]

393.
atae ngana dabuk na PC
ten+FV E+MED.P book there
there are ten books there

27.3. Animate Cardinal Numeral.

There are distinct fused forms based on the General Cardinal Numeral with the 'Animate' marker *'amen'* for the the numerals 2, 3 and 4 (see Section 21).

There are also distinct forms for 10, 20 and 30 but these are not based on the *'amen'* marker and so presumably arose at a later stage of Nauruan.

Table 29. Animate Cardinal Numeral.

Animate Cardinal Numeral				
Numeral	Composition			
	Numeral Prefix	Numeral	Animate marker	End result
2	a	ro	amen	arumen
3	a	yu	amen	aiyimen aijimen
4	a	a	amen	amen

<table>
<tr><td>10</td><td colspan="4">Suppletive
oea / waea</td></tr>
<tr><td rowspan="2">20</td><td colspan="4">Suppletive</td></tr>
<tr><td>a</td><td>ro</td><td>ma [decade marker]</td><td>aruma</td></tr>
<tr><td colspan="5">Suppletive</td></tr>
<tr><td>30</td><td>a</td><td>yu</td><td>ma [decade marker]</td><td>aiyumo
aijumo</td></tr>
</table>

The vowel sandhi exibited by the numeral root forms and decade marker *'-ma'* is not understood by this writer.

The origin of the unique form for ten – *oea*/*waea* – is not known.

The 1918 Bible spelling is *waea*; Kayser's spelling NG43,70 is *oäa*; the 1976 New Testament spelling is *oea*.

oä/oe used by Kayser appears to be a digraph to represent the non-syllabic semi-vowel [o̯] followed by [*e*]. The semi-vowel [o̯] is represented by [*w*] in the 1918 Bible – hence, *oag/o̯ag*, 'house' is spelt *wak*, *oereri/o̯ereri*, 'learn' is spelt *wereri*.

The forms for 20 and 30 appear to be the original General Cardinal Numerals. These seem to have been retained only when enumerating humans – and other living creatures - with derived forms being used in general enumeration. Interestingly, the base number 20, *'ruma'* , reappears in the Classificatory Demonstrative Numeral.

Table 30. Comparison of Animate and General Cardinal Numerals 20 and 30.

Animate Cardinal Numeral	General Cardinal Numeral (derived forms)
20 - aruma	20 - anarama
30 - aiyumo/aijumo	30 - animo

Note: The Animate Cardinal Numerals for 20 and 30 follow the usual make-up of the General Cardinal Numeral for decades, i.e.:

Numeral Prefix 'a-'	*+ Numeral root*	*+ decades suffix '-ma'*	
a	*+ ro*	*+ ma*	*> aruma*
a	*+ iyu*	*+ ma*	*> aiyumo*

A suggestion as to how the derived forms used in the Cardinal Numeral set may have arisen is given here:

'ana-' derivational prefix + 20 'aruma'	*> anarama*	
'ana-' derivational prefix + 30 'aiyumo	*> aniyumo*	*> animo , by syncope*

The vowel sandhi exibited by the numeral root forms and decade marker *'-ma'* is not understood by this writer.

27.4. Animate Demonstrative Numeral: Table and Examples.

From these Animate Cardinal Numerals (Table 28) are derived the simple forms of the Animate Demonstrative Numeral which can be combined with all but the *bit-* forms of the prefixes that developed in the General Demonstrative set (i.e. *nga-*, *min-*, *mu-*). The *bit-* set is only used in the singular.

As mentioned in Section 17, the only divergence with the demonstrative system is that a different set of spatial suffixes is used when the numeral system is incorporated into the demonstrative system. The only exception being with the early fossilized animate numerals from 1 to 4. The 'normal' set is *-ne*, *-na*, *-no*, but demonstrative numerals use a secondary set, *-oe*, *-oa*, *-oo*. These are at times written with a /w/, i.e. '*-we*', '*-wa*' which is why in this study they are written as a non-syllabic vowel glide+vowel sequence, *-o̯e*, *-o̯a*, *-o̯o*.

The folllowing points should be kept in mind when looking at the following tables:

Due to the rare occurrances of the Animate Demonstrative above 4 , the orthographic conventions used by Kayser have beenkept, i.e.

ṅ = velar nasal /ŋ/ (otherwise written [ng] or [ñ]

ụ = central vowel (otherwise written [u] or [ü] or [ũ]

Table 31. Animate Demonstrative Numeral.

		Simple	Emphatic	NEI	NEIII
One (suppletive) *Taken from General Demonstrative set (See Sections 7.1, 9, 12 and 13)*	Proximal	une	ngune ñune ṅune	mitune	bitune
	Medial	i a	ngea ñea ṅea	mituna Syncopated form mita	bita
	Distal	uno	nguno ñuno ṅuno	mituno	bituno

Two	Proximal	rumene	ngarumene ñarumene	minrumene minirumene	NEII
					murumene mũrumene
	Medial	rumena	ngarumena ñarumena	minrumena minirumena	murumena mũrumena
	Distal	rumeno	ngarumeno ñarumeno	minrumeno minirumeno	murumeno mũrumeno
Three	Proximal	iyimene jimene imene	ngaiyimene ñaijimene	miniyimene minijimene	muiyimene mũijimene
					Syncopated form
					miyimene mijimena
	Medial	iyimena jimena imena	ngaiyimena ñaijimena	miniyimena minijimena	muiyimena mũijimena
					Syncopated form
					miyimena mijimena

	Distal	iyimeno jimeno imeno	ngaiyimeno ñaijimeno	miniyimeno minijimeno	muiyimeno mũijimeno
					Syncopated form
					miyimeno mijimeno
Four	Proximal	amene	ngamene ñamene	minamene	muamene mũamene
	Medial	amena	ngamena ñamena	minamena	muamena mũamena
	Distal	ameno	ngameno ñameno	minameno	muameno mũameno
Ten (Suppletive)	Proximal	oäaọe	ṅoäaọe	minioäaọe	mụoäaọe
	Medial	oäaọa	ṅoäaọa	minioäaọa	mụoäaọa
	Distal	oäaọo	ṅoäaọo	minioäaọo	mụoäaọo
Twenty (Suppletive)	Proximal	rumaeọe	ṅarumaeọe	minirumaeọe	mụrumaeọe
	Medial	rumaeọa	ṅarumaeọa	minirumaeọa	mụrumaeọa
	Distal	rumaeọo	ṅarumaeọo	minirumaeọo	mụrumaeọo

Thirty (Suppletive)	Proximal	moeo̱e	ṅaijimoeo̱e	minijimoeo̱e minimoeo̱e	mụijimoeo̱e
	Medial	moeo̱a	ṅaijimoeo̱a	minijimoeo̱a minimoeo̱a	mụijimoeo̱a
	Distal	moeo̱o	ṅaijimoeo̱o	minijimoeo̱o minimoeo̱o	mụijimoeo̱o

Note: the Animate Demonstrative Numeral for 10 does not follow the usual practive of placing a function vowel between it and the spatial suffixes.

Examples:

394.
a eäṅ amune, a eö eäṅ mụrumena arumen NG216 I like this man, I do not like those (other) two men/ the two others

395.
ñait eñame, arumet ãn ñago ñarumena ñait ãn ñea ta aiquen Eze 23:2
child+CONS AB+person two+ANIM female TEMP+DIST E+two+ANIM+MED child+CONS female E+MED only one
children of a person - there were aforetimes two women who were daughters of just one woman]

396.

eita innen murumena ngain Zebedeus Matt 27:56 1976
female+MED mother+CONS NEII+two+ANIM+MED child+CONS Zebedee
that woman is mother of those two sons of Zebedee

397.

e dũbañai mũrumena iũ eow inimagõra memak Mark 6:41
3S.DEP distribute NEII+two+ANIM+MED AB+fish DIR among+3P.POS all
he shared out those two fish among them all

398.

mõ ũga bet Jakobus mi Johannes ñarumena ñain Zebedãus,
& be.so also Jacob & John E+two+ANIM+MED child+CONS Zebedee
ñarumena dañan Simon Lu 5:10 1976
E+two+ANIM+MED companion+CONS Simon
and it was the same also of Jacob (James) and John those two sons of Zebedee, those two friends of Simon

399.

ro kearoeiy amerumena me bita ekearo engowong amea Matthias me
3P.DEP lot+APPL male+two+ANIM+MED & NEIII+MED AB+lot aim.at+SUCC male+MED Matthias &
eke baen muoeaoa me aikwen apostle amea Ac 1:26 1976
act.as complement+CONS NEII+ten.living.beings+MED & one apostle male+MED
they drew lots on those two men and the lot fell on Matthias and he became the compliment of those eleven apostles

400.

tuk ngaga me ta oeiyo itangin bita eoagin emeg engame aiyimen,
still TEMP+MED & only stand by+3S.POS NEIII+MED AB+house+CONS 3S.DEP+dwell AB+person three+ANIM
miyimena eoiyon ame atin Caesarea Ac 11:11 1976
NEII+three+ANIM+MED 3S.DEP+send to+1S.DAT from+3S.POS Caesarea
immediately there stood by that dwelling-house three persons, those three men (whom) they sent from Caesarea to me

401.

ametimena Jacobus me Cephas me Johannes, ngaiyimena r ek ureiy
male+three+ANIM+MED James & Cephas & John E+three+ANIM+MED 3S.DEP make 3T.IND
yoret emogur, areiy raran demarumwin bemar amea Barnabas Ga2:9 1976 post+CONS AB+work 3T.DEP shake left-hand+CONS
hand+1D.EXC.POS male+MED Barnabas
those three men, James, Cephas, and John, those three there they have become the pillar of the work, they three shook the left-hand of the hands of me and Barnabas **INCLUSORY**

402.

bwe areiy eke aiyimen miyimena areiy oduwen angoget imin
for 3T.DEP act.as three+ANIM NEII+three+ANIM+MED 3T.DEP FAC+ture word+CONS AB+thing
eow ian oeron 1John 5:7 1976
DIR in+3S.POS cloud
for they act as three living beings, those three there they witnesses about things in heaven

403.

muamena re timor ro kwakwango beora n bwait eoeta Re 4:8 1976
NEII+four+ANIM+MED 3P.DEP live 3P.DEP CAUS+six+RED arm+3P.POS CON object+CON 3S.DEP+fly
those four living beings, they had six upper limbs each for the purpose of flight/six wings each

404.

bwe togin nungin aeoreiy miyimena engel aiyimen, miyimena
for reason+3S.POS sound+CONS voice+3T.POS NEII+three+ANIM+MED angel three+ANIM NEII+three+ANIM+MED
re nim kan oeong wongareiy trumpet Re 8:13 1976
3P.DEP MOD again FAC+cry RPOS+3T.POS trumpet
because of the sound of the voices of those three persons, the three angels, those three persons they should again make to sound their trumpets

405.

a nan okwadeiy murumena wonga amen oduwen
1S.DEP UNR FAC+grace+APPL NEII+two+ANIM+MED RPOS+1.S.POS male+CONS FAC+true
angogen imin Re 11:3 1976
word+CONS AB+thing
I will favour those two men, my witnesses, about things

406.

A at aijimen anin omwarere ñaijimen etsitobo frosche Re 16:13
1S.DEP see three+ANIM spirit+CONS dirt E+three+ANIM+MED+ 3S.DEP+similar frogs
I saw three unclean spirits, the three that are similar to frogs

407.

eanni okanakanino aiyimen ngaiyimena tekeiy mungana frog
AB+spirit 3S.DEP+dirty three+ANIM E+three+ANIM+MED like NEII+MED.P frog
deideiureiy Re 16:13 1976
manner+3T.POS
three unclean spirits, those three there are like those frogs their manner

408.

bwũ ũrei anit diabolos, ñaijimen arei ririñ itema;
for 3T.IND spirit+CONS devil E+three+ANIM+MED + 3T.DEP do AB+sign
ñaijimen arei naña monibain eat eb memak Re 16:14
E+three+ANIM+MED+ 3T.DEP go.to rule+CONS on+3S.POS AB+land all
for they are the spirits of demons, those three who perform signs, those three who go to the rulerships of all the Earth

409.

bwe annit devil ametimena, ngaiyimena oreita riring itema Re 16:14 1976
for spirit+CONS devil male+three+ANIM+MED E+three+ANIM+MED PROG do AB+sign
for those three living beings are spirits of the Devil, those three there are doing signs

27.4. Compound Animate Demonstrative Numeral.

Kayser (NG62) states that in the compound demonstrative numeral the first numeral (taken from Cardinal Numeral where no Animate Cardinal Numeral exists) bears the emphatic prefix (*nga-*) or one of the non-emphatic prefixes (excluding *bit-* forms), i.e. *min-* or *mu-*. The end element, which is the simple form of the demonstrative numeral, bears a spatial suffix. Any numbers in between are the simple Cardinal Numerals.

I have only found the following examples, but they do not precisely concur with Kayser's description (NG62) in that the second element of the compound demonstrative numeral does not have a spatial suffix:

410..
metat imin bwe ngaga og Jesus in oereri muoaea [sic; muoea]
go.out+PERF AB+thing for TEMP+MED finish Jesus CONS learn NEII+ten.living.beings
me arumen rat kereri me bwaoedat atin ina Matt 11:1 1976
& two+ANIM branch+CONS CAUS+learn & break.off+PERF from+3S.POS there
it then occurred that when Jesus finished teaching those twelve disciples, he then left from there

411.

eat edae ngaga me ion ean muoea
on+3S.POS AB+time TEMP+MED & INDF on+3S.POS NEII+ten.living.beings
me arumen, ngea Judas Ischariot egen, enanga ngabuna priest ogoda Matt 26:14 1976
& two+ANIM E+MED Judas Iscariot name+3S.POS 3S.DEP+go.to E+ANIM.P+MED priest 3S.DEP+high
at that time, one of the twelve, Judas Iscariot being his name, went to the high priests

412.

emwin muoea me arumen me oaweiyidan oiyotow eat eb
call NEII+ten.living.beings & two.ANIM & begin+CONS send+DIR on+3S.POS AB+land
ura in ekura karakarumen Mark 6:7 1976
3P.OBJ CONS -- CAUS+two+RED+ANIM
he called for the twelve and began to send them out to the country by calling them two by two

413.

mwa nimen, muoea me aoiyu engame ngabuna bita turm in Silo
2P.DEP consider NEII+ten.living.beings+MED & eight AB+person E+ANIM.P+MED NEIII+MED tower CONS Silo
emeiwiduwa me abi ura re dogedog eken…? Lu 13:4 1976
3S.DEP+fall.down & slay 3P.OBJ 3P.DEP guilt+RED INDF+CL20[21]
do you consider that those eighteen persons the tower in Silo collapsed and killed them were more guilty…?

414.

amea satan emetuw ian burioun amea Judas, ngea eiy egen bwe
male+MED Satan 3S.DEP+go.in+DIR9 in+3.POS innards+CONS male+MED Judas E+MED 3S.IND name+3S.POS for
Iscariot me ngea eiy ion ean muoea me arumen Lu 22:3 1976
Iscariot & E+MED 3S.IND INDF on+3S.POS NEII+ten.living.beings & two+ANIM
Satan entered the heart of Judas, he having the name as Iscariot, and he being one from among those twelve

415.

ion ean muoea me arumen ita od ian obwen ngabuna Lu 22:47 1976
INDF on+3S.POS NEII+ten.living.beings & two.ANIM only pass in+3S.POS front+3S.POS E+ANIM.P+MED
one of those twelve went before those ones

The nearest exaple to Kayser's description seems to involve a mis-spelling:

416.

nuwawin müäeoa [sic; müoäaoa (?)] amän lepra NuwNT:Kapitel 51
concerning+3S.POS NEII+ten.living.beings+MED man+CONS leprosy
concerning those ten lepers

The following table is based of Kayser's description (NG62).

Table 32. Indicative Table of compound Animate Demonstrative Numeral [inferred]

Number →	11	12	13	14
Simple	oäa m aiquön-o̱e /-o̱a/-o̱o	oäa m arumen-e/-a/-o	oäa m aijimen-e /-a/-o	oäa m amen-e /-a/-o
Emphatic	ṅaoäa m aiquön-o̱e /-o̱a/-o̱o	ṅaoäa m arumen-e/-a/-o	ṅaoäa m aijimen-e /-a/-o	ṅaoäa m amen-e /-a/-o
NEI	minioäa m aiquön-o̱e /-o̱a/-o̱o	minioäa m arumen–e/-a/-o	minioäa m aijimen-e /-a/-o	minioäa m amen-e /-a/-o
NEII	mụoäa m aiquön -o̱e /-o̱a/-o̱o	mụoäa m arumen-e/-a/-o	mụoäa m aijimen-e /-a/-o	mụoäa m amen-e /-a/-o
Number →	15	16	17	18
Simple	oäa m aijimo-u̱e /-u̱a/-u̱o	oäa m aṅo-u̱e /-u̱a/-u̱o	oäa m aeu -u̱e/-u̱a/-u̱o	oäa m auju -u̱e/-u̱a/-u̱o
Emphatic	ṅaoäa m aijimo--u̱e /-u̱a/-u̱o	ṅaoäa m aṅo-u̱e /-u̱a/-u̱o	ṅaoäa m aeu -u̱e/-u̱a/-u̱o	ṅaoäa m auju -u̱e/-u̱a/-u̱o
NEI	minioäa m aijim-u̱e /-u̱a/-u̱o	minioäa m aṅo-u̱e /-u̱a/-u̱o	minioäa m aeu -u̱e/-u̱a/-u̱o	minioäa m auju -u̱e/-u̱a/-u̱o
NEII	mụoäa m aijimo-u̱e /-u̱a/-u̱o	mụoäa m aṅo-u̱e /-u̱a/-u̱o	mụoäa m aeu -u̱e/-u̱a/-u̱o	mụoäa m auju -u̱e/-u̱a/-u̱o
	19	20	21	22
Simple	oäa m ado-u̱e /-u̱a/-u̱o	rumaeo̱e	ruma m aiquön -o̱e /-o̱a/-o̱o	ruma m arumen –e/-a/-o
Emphatic	ṅaoäa m ado-u̱e /-u̱a/-u̱o	ṅarumaeo̱e	ṅaruma m aiquön -o̱e /-o̱a/-o̱o	ṅaruma m arumen –e/-a/-o
NEI	minioäa m ado-u̱e /-u̱a/-u̱o	minirumaeo̱e	miniruma m aiquön -o̱ e /-o̱ a/-o̱ o	miniruma m arumen –e/-a/-o
NEII	mụoäa m ado-u̱e /-u̱a/-u̱o	mụrumaeo̱e	mụruma m aiquön -o̱ e /-o̱ a/-o̱ o	mụruma m arumen –e/-a/-o

28. Male Demonstrative Numeral.

The Male Demonstrative Numeral is composed of fusing the marker for 'male', *'amen'*, to the pre-existing fused Animate Numeral set based on *'amen'*, living being' (See Sections 21 and 27).

Table 33. Male Demonstrative Numeral.

Number	Proximity	End Form	Syncopated Form
Two males	Proximal	amerumene	None
	Medial	amerumena	None
	Distal	amerumeno	None
Three males	Proximal	ametiyimene ameitsijimene ametijimene	ametimene ameitsimene
	Medial	ametiyimena ameitsijimena ametijimena	ametimena ameitsimena
	Distal	ametiyimeno ameitsijimeno ametijimeno	ametimeno ameitsimeno

The origin of these forms, as stated previously, is by fusing the 'male' element *'amen'* to the pre-existing fused forms of the animate demonstrative numeral, i.e. :

amen + rumene > amerumene [Nauruan rhotic regressive assimilation process], and so with medial and distal forms

amen + iyimene
↓
ametiyimene [Nauruan denasalization process] , and so with medial and distal forms
↓
ametimene [syncope], and so with medial and distal forms

Unless special emphasis is evident, when the Male Demonstrative is followed by a proper name or a kinship noun, the gender specific demonstratives appear to act with little demonstrative function, they merely signify the gender/gender and number of the named individual/s and do not require an English translation, or if one is needed, the definite article may be appropriate. Like the other gender-specific demonstratives, it is not used as relativizer.

Examples:

417.

agen ameitsimena ñain epo a ñei Ge 7:7
spose+CONS male+three+ANIM+MED child+3S.POS together.with to E+3IND
the wives of those three sons of his with him

418.

ameitsimena urei nain Noa: mo oquet eb eow iturin an karig
male+three+ANIM+MED 3T.IND child+CONS Noah & 3S.DEP+fill AB+land DIR by+3S.POS GPOS+3S.POS CAUS+create
ameitsimene Ge 9:19
male+three+ANIM+PROX
those three men, they are the sons of Noah, and the earth was filled by the progeny of these three men

419.

ameitsimena amen oaio arei ba magen wañara tar in ake dei Philistia 2Sa 23:16
male+three+ANIM+MED male+CONS strong 3T.DEP break exhaust+CONS place CON fight people.of Philistia
those three strong men broke the limit of the Philistine war encampment

420.

egen amerumena ñaiũrõr Ru 1:2
name+CONS male+two+ANIM+MED child+2D.POS
the names of the two sons of the two of them

421.
abumin ango iruwin me Jesus emwin ametimena Petrus me Jacobus me
NP+CL5[11] six after+3S.POS & Jesus call male+three+ANIM+MED Peter & Jacob (James) &
Johannes, ngea idin me edaw animwet etowedudu ion ogoda
John E+MED sibling+3S.POS & go.up+DIR9 atop+3S.POS AB+mountain INDF 3S.DEP+high
ametimena Matt 17:1 1976
male+three+ANIM+MED
six days later Jesus called for those three Peter Jacob (James) and John who was his brother and went up atop a high mountain those three men

422.
kania, bwe meta ea ureiy amerumena Moses me Elias Matt 17:3 1976
look for come.out to 3T.OBJ male+two+ANIM+MED Moses & Elijah
look, for there appeared to the three of them those two men Moses and Elijah

423.
ñag ameitsimena ran an kereri õkaiõt, arei toweitsiber,
TEMP+MED male+three+ANIM+MED branch+CONS GPOS+3S.POS CAUS+learn 3S.DEP+hear 3T.DEP bow.down
mo ouwak aũrei miow Matt 17:6
& big GOS+3T.POS fear
when those three disciples heard it, they bowed down, and their fear was great

424.
iruwit edae eraquõ, õrren amea wõn temoniba ameitsimena itsiõ,
after+3S.POS AB+time 3S.DEP+short come+PERF male+MED RPOS+3S.POS lord male+three+ANIM+MED AB+servant
mõ õ õdadũien wõn imin itũrũrei Matt 25:19
& - FACT+count+RED+PERF RPOS+3S.POS AB+thing by+3T.POS
A short time later the master of those three servants then came and he the took an accounting of the things the three had

425.

etuk redon me eed ametimena bwe areiy miyimiy bwe
3s+yet return+PERF & see male+three+ANIM+MED for 3T.DEP sleep for
roedun meoreiy Matt 26:43 1976
heavy+DIR+PERF eye+3T.POS
and he again returned and saw those three men that they slept for the eyes of the three of them had grown heavy

426.

e emwemwit etõñin mi inen oniñ ia, ma ameitsimena dañan,
- call+RED father+CONS & mother+CONS young MED & male+three+ANIM+MED companion+3S.POS
me e metu ino emek oniñ ia Mark 5:40
& 3S.DEP go.in yonder 3S.DEP young MED
He called for the father and mother of that child and those three his companions, and he went in there aways where that child was

427.

ijegen aranon amea ñea ekowōñ a amen abab ngame,
who neighbour+CONS male+MED E+MED meet.up to male+CONS beat+RED person
inimagen ameitsimena? Lu 10:36
among+3S.POS male+three+ANIM+MED
who among those three men is the neighbour of the man who met up with the murderous men?

428.

omeata ko amea wo eiy eowen ean amerumena Ac 1:24 1976
bring.out COMM male+MED 2S.DEP chose DIR+PERF on+3S.POS male+two+ANIM+MED
show the one you have chosen from those two men

429.
re kearoeiy amerumena Ac 1:26 1976
3P.DEP draw.lots+APPL male+two+ANIM+MED
they drew lots for those two men

430.
amerumena Petrus me Johannes or akodaw iat temple Ac 3:1 1976
male+two+ANIM+MED Peter & John 3D.DEP go.up in+3S.POS temple
those two, Peter and John, went up into the Temple

431.
ngaga akodaten ian ngabogena amerumena Ac 8:39 1976
TEMP+MED go.up+DIR+PERF in+3S.POS E+CL4[10]+MED male+two+ANIM+MED
when those two men had gone up from that body of water….

432.
ngaga ogin ngangatin a ametimena nuwawit imin memag
TEMP+MED finish+CONS relate to male+three+ANIM+MED concerning+3S.POS AB+thing all
me oiyotow Joppe ureiy Ac 10:8 1976
& send+DIR Joppa 3T.OBJ
When he had finished relating to those three men about all the things and he sent those three to Joppa

433.

ngaga tuk ian medena ametimena me ngag areiy turetuwa dagawa
TEMP+MED still in+3S.POS road male+three+ANIM+MED & TEMP+MED+ 3T.DEP draw.near+to town
Ac 10:9 1976
while those three men were still on the road, while the three of them drew near to the town

434.

kania, arei weijo itañin metoror ameitsimena ñaijimena ã õijõt
look 3T.DEP stand by+3S.POS gate male+three+ANIM+MED E+three+ANIM+MED 3S.DEP send
atsin itũrin Kornelius, ñaijimen arei õreit ũdũdõ
from+3S.POS.DEP by+3S.POS.DEP Cornelius E+three+ANIM+MED+ 3T.DEP PROG ask+RED
an wak Simon Ac 10:13
GPOS+3S.POS house Simon
look, three of them stood by the gate, those three men, those three men were sent by Cornelius, those three men who were enquiring about the house of Simon

435.

ama oiyoten amerumena Judas me Silas ngarumena or nan oraiy
1P.EXC.DEP send+PERF male+two+ANIM+MED Judas & Silas E+two+ANIM+MED 3D.DEP UNR utter
a kamie tuk minana ian auror dorer Ac 15:27 1976
to 2P.OBJ again NEI+MED.P in+3S.POS GPOS+2D.POS talk
we have now sent those two men, Judas and Silas, those two men will speak to you those same things in their talking

436.

oreita kamawireiy kamie amie Timotheus, ngea ranon mogur me
PROG greet+APPL 2P.OBJ 2P.IND Timothy E+MED companion+CONS work &
ametimena Lucius me Jason me Sosipater ngaiyimena
male+three+ANIM+MED Lucius & Jason & Sosipater E+three+ANIM+MED
amen ubwio Ro 16:21 1976
male+CONS homestead+1s
Timothy is greeting you, the one who is a work companion, and those three men Lucius, Jason, and Sosipater, those three men who are my kinfolk

437.

ngabuna inon re nim kamarar eiy ian aen ametimena 1Co 14:29 1976
E+ANIM.P+MED others 3P.DEP MOD think APPL in+3S.POS voice+CONS male+three+ANIM+MED
Those others, let them think out in the words of those three men (let them discern the meaning of their words)

438.

a oreit eibogi dogin aureiy meg ine ametimena Stephanas
1S.DEP PROG joy reason+3S.POS GPOS+3T.POS dwell here male+three+ANIM+MED Stephnas
me Fortunatus me Achaicus 1Co 16:17 1976
& Fortunatus & Achaicus
I am glad for the reason of their staying here, those three Stephanas, Fortunatus and Achaicus

439.

dogin bwe ametimena areiy oangien mungana ekeow turumie 1Co 16:17 1976
reason+3S.POS for male+three+ANIM+MED 3T.DEP supply+PERF NEII+MED.P be.not+DIR by+2P.POS
because those three men have supplied those things you did not have

440.

dogin bwe ametimena areiy omaro maro nanga me marumie bet 1Co 16:18 1976
reason+3S.POS for male+three+ANIM+MED 3T.DEP refresh E+1S.IND & mind+2P.POS also
because those three men they refreshed me and your spirits too

441.

a oiyoten ametimena idiedita bet ngaga 2Co 9:3 1976
1S.DEP send+PERF male+three+ANIM+MED sibling+RED+1P.INC.POSi also TEMP+MED
I have already sent those three brothers of ours also at that time

442.

ametimena Jacobus me Cephas me Johannes, ngaiyimena r ek ureiy
male+three+ANIM+MED Jacob (James) & Cephas & John E+three+ANIM+MED 3P.DEP act.as 3T.IND
yoret emogur Ga 2:9 1976
post+CONS AB+work
those three men, Jacob (James), Cephas, and John, those three men have acted as the pillar of the work

443.

bwe annit devil ametimena, ngaiyimena oreita riring itema Re 16:14 1976
for spirit+CON devil male+three+ANIM+MED E+three+ANIM+MED PROG do AB+sign
for those three living beings are spirits of the Devil, those three there who are performing signs

444.

amärumena ör katot erenimi ñag anbumin Nuw 20:1
male+two+ANIM+MED 3D.DEP CAUS+one AB+dream TEMP+MED+ at.night
those two men, they had one dream each when it was night

445.

ada wo eo dorera amerumena bwe enim eo kor ouwak
why 2S.DEP NEG talk+to male+two+ANIM+MED for 3S.DEP+MOD NEG INTENS big
aurur idodo? hsd16p 58
GPOS+2D.POS laugh+RED
why don't you tell those two there that their laughter should not be so loud

28.1. Lone Male Demonstrative Numeral.

Kayser also gives a fused form for 30 males (NG32):

Table 34. Lone Male Demonstrative Numeral for 30.

		Simple	Emphatic	NEI	NEII
30 males	Proximal	ametimoeo̱e	ṅametimoeo̱e	minimetimoeo̱e	mu̱metimoeo̱e
	Medial	ametimoeo̱a	ṅametimoeo̱a	minimetimoeo̱a	mu̱metimoeo̱a
	Distal	ametimoeo̱o	ṅametimoeo̱o	minimetimoeo̱o	mu̱metimoeo̱o

Why there should be this single distinct male demonstrative is a mystery. It seems to be based on *'amen'*, *'male'* and *'iyumo'*, *'thirty'*, Animate Cardinal Numeral (see Section 27), i.e. :

amen + iyumo > ametiyumo [in keeping with Nauruan denasalization process]
↓
ametimo [by syncopation]

This fused form uses the secondary set of spatial suffixes, *-o̱e*, *-o̱a*, *-o̱o* which indicates it is a later fused form that happened after *'amen'* ceased to have the original meaning of *'living being'* .

29. Female Demonstrative Numeral.

The Female Demonstrative Numeral is composed of fusing the marker for 'female', *'en'*, to the pre-existing fused Animate Numeral set based on *'amen'*, living being' (See Sections 21 and 27).

Like the other gender-specific demonstratives, it is not used as relativizer.

Table 35. Female Demonstrative Numeral.

Number	Proximity	End Form	Syncopated Form
Two males	Proximal	eirumene ãirumene erumene	None
	Medial	eirumena ãirumena erumenea	None
	Distal	eirumeno ãirumeno erumeno	None
Three males	Proximal	etiyimene ãitsijimene etijimene	etimene ãitsimene
	Medial	etiyimena ãitsijimena etijimena	etimena ãitsimena
	Distal	etiyimeno ãitsijimeno etijimeno	etimeno ãitsimeno

The origin of these forms, as stated previously, is by fusing the 'female' element *'en'* to the pre-existing fused forms of the animate demonstrative numeral, i.e. :

en + rumene > erumene [Nauruan rhotic regressive assimilation process], and so with medial and distal forms

en + iyimene
↓
etiyimene [Nauruan denasalization process] , and so with medial and distal forms
↓
etimene [syncope], and so with medial and distal forms

Unless special emphasis is evident, when the Female Demonstrative is followed by a proper name or a kinship noun, the gender specific demonstratives appear to act with little demonstrative function, they merely signify the gender/gender and number of the named individual/s and do not require an English translation, or if one is needed, the definite article may be appropriate. Like other gender-specific demonstratives they are not used as relativizers.

Examples:

446.

e meken iat eraõ, ũrei ãirumena ñain Ge 19:30 [INCLUSIVE]

3S.DEP dwell+PERF in+3S.POS AB+cave 3T.DEP female+two+ANIM+MED child+3S.POS

he proceeded to dwell in a cave, he and his two daughters

447.

eogoda ãita me ãirumena ijiben Ru1:6

3S.DEP+get.up female+MED & female+two+ANIM+MED in-law+3S.POS

she and her two daughters-in-law got up

448.

re etsiõ a ãitsimena edũra Job1:4

3P.DEP send to female+three+ANIM+MED sibling+3P.POS

they sent for their three sisters

29.1. Use of Female Demonstratives Numeral for Mixed Gender Groups.

When a mixed gender group has one or more females in it, the female demonstratives take precendence and cover such groupings.

Examples:

449.
ngaga Maria ngea innen, me Joseph ar ogiten oedeneiy uror eirumena Matt 1:18 1976
TEM+MED Mary E+MED mother+3S.POS & Joseph 3D.DEP COMP betrothe+APPL 3D.IND female+two+ANIM+MED
[at that time Mary his mother and Joseph, those two were betrothed to each other

450.
inan kewin a eita agen me eirumena or nan ta eke uror aikwet duworor Matt 19:1976
UNR associate to female+MED spouse+3S.POS & female+two+ANIM+MED 3D.DEP UNR only make 2D.IND one flesh+3D.POS
he will stick to his wife and those two will become one flesh]

451.
ngagan, amea emman inan ngaunit eirumena etongin me innen Mark10:7 1976
therefore, male+MED AB+ male UNR leave female+two+ANIM+MED father+3S.POS & mother+S.POS
therefore, the man will leave his father and his mother

452.

ngaga, teon aro tuworor eirumena bwe ita aikwen Mark 10:8 1976
TEMP+MED only+NEG+PERF two flesh+3D.POS female+two+ANIM+MED for only one
so then, now those two (husband and wife) it is not two their flesh but just one

453.

wo nim eredu eirumena etongum me innom Mark 10:19 1976
2S.DEP MOD honour female+two+ANIM+MED father+2S.POS & mother+2S.POS
you must honour your father and your mother

454.

etsimine priester ion ñea Zacharias egen… me etsimine agen… ñea Elisabeth egen. me ãirumena ar omo
3S.DEP+exist priest INDF E+MED Zechariah name+3S.POS & 3S.DEP+exist spouse+3S.POS E+MED Elizabeth name+3S.POS & female+two+ANIM+MED 3D.DEP good
ian men Gott Lu1:5,6
in+3S.POS eye+3S.POS God
there was a priest called Zechariah and there was his wife called Elizabeth and those two were righteous in the sight of God

455.

me metat imin, bwe ngaga eirumena or meg ina, me goron an bum eita nim pudu ngain Lu2:6 1976
& go.out+PERF AB+thing for TEMP+MED female+two+ANIM+MED 3D.DEP dwell there & complete+PERF G.POSS+3S.POS DAY female+MED MOD fall child+3S.POS
and it occurred that while they [husband and wife] were there, her days came to the full for her to give birth

456.

yegen ngea edura, amune oa eirumena innen me etongin John 9:2 1976
who E+MED 3S.DEP+sin male+PROX or female+two+ANIM+MED mother+3S.POS and father+3S.POS
who is the one who sinned, this man or those two – his mother and his father?

457.

eogodan amea iking me amea ngeet demoniba me eita Bernice
3s+get.up+PERF male+MED AB+king & male+MED deputize+CONS Lord & female+MED Berenice
me ngabuna re megeda tangit eitimena Ac 26:30 1976
& E+ANP+MED 3P.DEP sit.down by+3S.POS. female+three+ANIM+MED
the king then got up and his deputy and Berenice and those (other) ones sat down alongside those three

458.

oreita kamakamawir eiy kamie eow iat Demoniba eirumena Aquila me Priscilla 1Co 16:19 1976
PROG greet+RED APPL 2P.OBJ DIR in+3S.POS Lord female+two+ANIM+MED Aquila & Priscilla
those two – Aquila and Proscilla – they are continually greeting you in the Lord

459.

tsinia erumena enamwen mere tsimine aurur ekekae eat deidein aurur mek epo NB
COND female+two+ANIM+MED female+CONS marry exist GPOS+3D.POS different+RED on+3S.POS manner+3S.POS GPOS+3D.POS dwell together
if the married couple have disputes in the manner of their dwelling together

29.2. Lone Female Demonstrative Numeral.

Kayser also gives a fused form for 30 females, or an unspecified number of females (NG32):

Table 36. Lone Female Demonstrative Numeral for 30.

		Simple	Emphatic	NEI	NEII
30 males	Proximal	ätijumoeo̧e	ṅätijumoeo̧e	minätijumoeo̧e	mụ̊ätijumoeo̧e
	Medial	ätijumoeo̧a	ṅätijumoeo̧a	minätijumoeo̧a	mụ̊ätijumoeo̧a
	Distal	ätijumoeo̧o	ṅätijumoeo̧o	minätijumoeo̧o	mụ̊ätijumoeo̧o

This is a mysterious doublet with the lone male demonstrative for 30 males (Section 28.1) . This female form has the same origin as the male but unlike the male form it has not undergone syncopation. It is based on *'en'*, *'female'* and *'iyumo'*, *'thirty'*, Animate Cardinal Numeral (see Section 27), i.e. :

en + iyumo > etiyumo [in keeping with Nauruan denasalization process]

This fused form uses the secondary set of spatial suffixes, *-o̧e*, *-o̧a*, *-o̧o* which indicates it is a later fused form.

30. *aben* Demonstrative (Mixed Gender Demonstrative Numeral).

here is a very small set of mixed gender demonstrative numerals based of the pre-existing Animate Demonstrative Numerals for 2 and 3, by the addition of a prefix *'aben'* . The origin of this prefix in not know.

Its formation is:

aben + rumene > aberumene [Nauruan rhotic regressive assimilation process], and so with medial and distal forms

aben + iyimene > abetiyimene [Nauruan denasalization process]
↓
abetimene [by syncopation] and so with the medial and distal forms

Kayser (NG31) gives the following gloss for these forms

'aberumene' (male & female) these two here

'abetimene' (male & female) these three here

Its unclear how this demonstrative functioned as I have only found two occasions in the published materials, and both seem to apply to males (with no females included). So I take Kayser's gloss '(male & female)' to mean this set can be used for either males or females, or mixed gender groups.

Examples:

460.
wo nim õpan bwa aberumene ñaiũ arũmõ megeda,
2S.DEP MOD speak for *aben*+two+ANIM+PROX child+1S.POS 3D.DEDP+MOD sit.down
ion eat damarũmũm mi ion eat damauwũm ian monibaim Matt 20:21
INDF on+3S.POS right-hand+2S.POS & INDF on+3S.POS left-hand+2S.POS in+3S.POS rule+2S.POS
command that these two sons of mine should sit, one on your right hand, and one on your left hand, in your kingdom

461.
anga allow ei uw, me eiki egeten wam question ngage aiquen ngea oijaw
1S.DEP allow APPL 2S.OBJ & not.know how.many+PERF RPOS+2S.POS question TEMP+PROX one E+MED give.to+2S.OBJ
me aijimo wo obu. iju bed aberumene. iju amuno me iju bed amune hsd-14p-20000622-1s3m.v1
& five 2S.DEP take more also *aben*+two+ANIM+PROX more male+DIST & more also male+PROX
I allow you, but I don't know now how many your questions are. I give you one but its five that you take. yet more also these two here. yet more that one yonder and more yet also this one here

31. Alternative Strategies for the Animate and Gender Specific Demonstrative Numerals.

The complex system of animate demonstrative numerals above the number 4 as seen in Section 27 and Table 30, has a simpler strategy whereby the animate numeral (where there is one) is preceded by the appropriate animate demonstrative or gender-specific demonstrative.

Examples:

462.
me emwin ngabuna ran an kereri ngabuna oea me arumen Matt 10:1 1976
& call E+ANIM.P+MED branch+CONS GPOS+3S.POS CAU+learn E+ANIM.P+MED ten.living.beings & two+ANIM
and he called his disciples , those twelve men

463.
Jesu õijõn amebũna waea ma arumen, mõ õ pan a ũra Matt 10:5 1976
Jesus send male+ANIM.P+MED ten.living.beingss & two+ANIM & - speak to 3P.OBJ
Jesus sent those twelve men and spoke to them

464.
Jesus oiyot eaeow mibuna oea me arumen me dogereiy ura Matt 10:5 1976
Jesus send DIR NEI+ANIM.P+MED ten.animate & two+ANIM & law+APPL 3P.OBJ
Jesus sent out those twelve men and laid commands on them

465.
amebuna oea inon ngaga ro kaiyot ngeiyina me ro angangoten amerumena edini Matt 20:24 1976
male+ANIM.P+MED ten.animate others TEMP+MED 3P.DEP hear E+CL11[5]+MED & 3P.DEP wrath+COM+PERF male+two+ANIM+MED sibling+MUT
those ten other men when they heard that word, they were then wrathful against those two men in a sibling relationship/those two men who were bothers

466.
einibuna aiyimo ro kabaed ro obu wongara deraim Matt 25:3 1976
female+ANIM.P+MED five 3P.DEP unwise 3P.DEP bring RPOS+3P.POS lamp
and those five unwise women, they brought their lamps

467.
ion ean amebũna waea ma arumen, ñea Judas Ischariot egen, enaña priester ñabũn
IND on+3S.POS male+ANIM.P+MED ten.living.beings & two+ANIM E+MED Judas Iscariot name+3S.POS 3S.DEP+go.to priests E+ANIM.P+MED+
õkaganado Matt 26:14
important
one of the twelve those twelve men, Judas Iscariot *being* his name, went to those chief priests

468.

me e emwemwin amebũna waea ma arumen mõ õ õijõn ũrañ in karakarumen Mark 6:7
& - call male+ANIM.P+MED ten.living.beings & two.ANIM & - send 3P.OBJ+VNI CONS CAUS+two+ANIM+RED
and he called those twelve men and sent them by twos

469.

kaiya re eke oea me arumen ngabuna Ac 19:7 1976
maybe 3P.DEP make ten.living.beings & two.ANIM E+ANIMP+MED
those men numbered perhaps twelve]

32. Direct Address (Vocative) Demonstrative.

Kayser (NG38,39) presents a very full picture of direct address.

32.1. Direct Address: Singular Fused Demonstratives.

There is a set of fused demonstratives used in the singular. These are taken from the General Demonstrative: Simple set (Section 7.1), and the Male and Female Demonstrative sets (Sections 22 and 25), fused to the 2nd Person Singular Independent Pronoun.

Table 37. Fused Forms of Direct Address (Vocative) Demonstratives (singular).

Addressee	Composition		Fused Form
	Demonstrative	Independent Personal Pronoun	
Male addressed	amune	awe, auwe	amunuwe
Female addressed	etune, eitune, ãitune	awe, auwe	etunuwe, eitunuwe. ãitunuwe
Not gender specific	une	awe, auwe	unuwe

If a personal name is involved, *'amunuwe'* and *'etunuwe'* stand at the head of the phrase, *'unuwe'* stands after the person name.

Examples:

470.
amunuwe Aki! NG38
male+PROX+VOC Aki
Aki! (a man)

471.
Ah, etunuwe, nuwa bet! NG38
Ah female+PROX+VOC go.along also
Ah, woman! come along!

472.
oniṅ unuwe! NG38
young MED+VOC
child!

473.
oniṅ unuwe tu ko! NG38
young PROX+VOC come COMM
child! come!

474.
dedemaro unuwe mogur ko! NG38
youth PROX+VOC work COMM
young man! work!

475.
eṅab in än unuwe onano ko ekän NG38
AB+elder CONS female PROX+VOC rest COMM INDF+CL20[21]
woman elder! rest a bit!

476.
eitunuwe awe ngaiu, oeow ko burioum, bita am tueb otimoruwen Matt 9:22 1976
female+PROX+VOC 2S.IND child+1S.POS FAC+calm COMM innards+2S.POS NEIII+MED GPOS+2S.POS faith FAC+live+2S.OBJ+PERF
my daughter! make calm your heart! this your faith has made you healthy

477.
amunuwe, wo eõ õīj̃õtow ũbwiõm ebaba omo? Matt 13:27
male+PROX+VOC 2S.DEP NEG send+DIR home+2S.POS AB+seed 3S.DEP+good
Sir! did you not send out/sow fine seed in your property?

478.
eitunuwe ouwak am tueb Matt 15:28 1976
female+PROX+VOC big GPOS+2S.POS faith
woman! you faith is great

480.
amunuwe, amañ õmaran amea amen iqui ñag ũge, ñago e tsimor, iruwin aijũbũm, A nan rida Matt 27:63
male+PROX+VOC 1P.EXC.DEP+VNI remember male+MED male+CONS AB+deceive TEMP+MED+ say TEMP+DIST 3S.DEP live after+3S.POS NP+three+CL5[11] 1S.DEP UNR rise.up
Sir! we remember that deceiver when he said, at the time when he was alive, ‘after three days I will rise’

481.
eitunuwe eoning in en (a pwan aw) rida ko ! Mark 5:41 1976
female+PROX+VOC AB+young CONS female 1S.DEP speak to+2S.OBJ get.up COMM
girl! I tell you – get up!

482.
eitunuwe eoning in en, rida ko! Lu 8:54 1976
female+PROX+VOC AB+young CONS female get.up COMM
girl! get up!

483.
eo miow eitunuwe awe Sion! John 12:15 1976
2S.DEP NEG fear female+PROX+VOC 2S.IND Zion
you, Zion! do not fear!

484.
eitunuwe, kania ko, ngaim amune! John 19:26 1976
female+PROX+VOC look COMM child+2S.POS male+PROX
woman! look! this is your son

485.
eitunuwe ! adaga naga wo reit eong? John 20:13 1976
female+PROX+VOC why directly 2S.DEP PROG cry
woman! why are you crying?

486.
eitunuwe ! pwan ame ko Ac 5:8 1976
woman! speak to+1S.DAT COMM
woman! speak to me!

487.
eitunuwe Tabitha! rida ko Ac 9:40 1976
female+PROX+VOC Tabitha get.up COMM
Tabitha (a woman)! get up!

32.2. Direct Address: Singular Non-Fused Demonstratives.

In addition to these fused forms for the singular, unfused forms can be used, but Kayser noted this was less common (see NG38). The 2nd Person Singular Indipendent Pronoun comes at the end of the addressee.

Examples:

488.
amune auwe! NG38
male+PROX 2S.IND
you! (male addressed)

489.
ätune auwe! NG38
female+PROX 2S.IND
you! (female addressed)

490.
oniṅ une auwe! NG38
young PROX 2S.IND
child!

491.
amen emogur une auwe! NG38
male+CONS AB+work PROX 2S.IND
workman!

33.3. Direct Address: Non-Singular Form of Address.

In the dual, trial, and plural, when the names of addressees come first in the phrase only the simple forms of the animate demonstrative numeral are used, otherwise the names of the addressees follow the phrase .

When the addressee is a group of two, or three, or plural, and one or more of the group is female, then in keeping with Nauruan custom, the female demonstrative numerals or female demonstatives are used (where these exists) or the the animate demonstrative numeral set can be used.

PARTY OF TWO PERSONS

When the party addressed is two persons, the appropriate animate demonstrative numeral is used in conjunction with the 2nd Person Dual Objective Pronoun, *'kamuror/gamũrõr'* .

Examples:

492.
amerumene kamu̱rör Aki me Api! NG39
male+two+ANIM+PROX 2D.OBJ Aki & Api
you two here, Aki and Api! (males addressed)

493.
mu̱rumene kamu̱rör Aki me Api! NG39
NEII+ANIM+PROX 2D.OBJ Aki & Api
you two here, Aki and Api! (males addressed)

494.
minirumene kamu̱rör Aki me Api NG39
NEI+two+ANIM+MED 2D.OBJ Aki & Api
you two here, Aki and Api! (males addressed)

495.
minirumene kamurör Aki me Etobi NG39
NEI+two+ANIM+MED 2D.OBJ Aki and Etobi
you two here, Aki and Etobi! (man and woman addressed)

496.
Api me Aki rumene kamurör! NG39
Api & Aki two+ANIM+PROX 2D.OBJ
Api and Aki, you two here! (males addressed)

497.

ärumena kamụrör Etobi me Ekin! NG39

female+two+ANIM+MED 2D.OBJ Etobi & Ekin

you two over there, Etobi and Ekin! (females addressed)

498.

mụrumena kamụrör Aki me Api! NG39

NEII+two+ANIM+MED 2D.OBJ Aki & Api

you two over there, Aki and Api! (females addressed)

499.

Etobi me Ekin rumena kamurör! NG39

Etobi & Ekin two+ANIM+MED 2D.OBJ

Etobi and Ekin , you two over there! (females addressed)

PARTY OF THREE PERSONS

When the party addresses is three persons, the appropriate animate demonstrative numeral is used in conjunction with the 2nd Person Dual 2nd Person Trial Objective Pronoun, '*kamieiy/kamieij/gamiãi'*.

Examples:

500.
ametimene kamieij NG39
male+three+ANIM+PROX 2T.OBJ
you three men!

501.
ametimena kamieij NG39
male+three+ANIM+MED 2T.OBJ
you three men there!

502.
ametimeno kamieij NG39
male+three+ANIM+DIST 2T.OBJ
you three men yonder!

503.
ätimene kamieij NG39
female+three+ANIM+PROX 2T.OBJ
you three women!

504.
ätimena kamieij NG39
female+three+ANIM+MED 2T.OBJ
you three women there!

505.
ätimeno kamieij NG
female+three+ANIM+DIST 2T.OBJ
you three women yonder!

506.
mụijimene kamieij NG39
NEII+three+ANIM+MED 2T.OBJ
you three men! Or, you three women! Or, you three (one or more being females)!

507.
mijimene kamieij NG39
NEII+three+ANIM+MED 2T.OBJ
you three men! Or, you three women! Or, you three (one or more being females)!

508.
ametimene kamieij Aki me Api me Aku NG39
male+three+ANIM+MED 2T.OBJ
you three, Aki Api and Aku! (males addressed)

509.
ätimene kamieij Etobi me Ekin me Api NG39
female+three+ANIM+MED 2T.OBJ
you three Etobi Ekin and Api! (two females and one male)

PARTY OF FOUR PERSONS

When the party addresses is four persons, the appropriate animate demonstrative plural is used in conjunction with the quadral animate demonstrative and the 2nd Person Plural Objective Pronoun *'kamie/gamiã'*.

Examples:

510.
amebụne amene kamie NG39
male+ANIM.P+PROX four+ANIM+PROX 2P.OBJ
you four men!

511.
änibuna amene kamie NG39
female+ANIM.P+MED four+ANIM+MED 2P.OBJ
you four women there!

PARTY OF MORE THAN FOUR PERSONS

When the party addresses is more than four persons, the appropriate animate demonstrative plural is used in conjunction with the 2nd Person Plural Objective Pronoun *'kamie/gamiã'*.

Examples:

512.
amebụno kamie NG39
male+ANIM.P+DIST 2P.OBJ
you (more than four) men yonder!

513.
änibụno kamie NG39
female+ANIM.P+DIST 2P.OBJ
you (more than four) women yonder!

514.
minibụne kamie NG39
NEI+ANIM.P+PROX 2P.OBJ
you (more than four) men! Or, women! Or, mixed gender group!

515.
daṅö bụne NG39
companion+1S.POS ANIM.P+MED
you my friends (four or more)

516.
memag amen e mogur buna kamie NG39
all male+CONS AB+work ANIM.P+MED 2P.OBJ
all you workmen there (four or more)

517.
adetit engame buna kamie mwa oreit eo ekeituwet imin! Mark 9:18 1976
generation+CONS AB+person ANIM.P+MED 2P.OBJ 2P.DEP PROG NEG trust AB+thing
you, generation not having trust in anything!

518.
kaiyuyu buna kamie! Mark 10:24 1976
small ANIM.P+MED 2P.OBJ
little ones!

519.
idiedu buna kamie! Ac 1:16 1976
sibling+RED+1S.POS ANIM.P+MED 2P.OBJ
my brothers!

520.
amebuna idiedu kamie 1Co 14:1976
male+ANIM.P+MED sibling+RED+1S.POS 2S.OBJ
my brothers!

521.
amebuna kamie a oreit auwe! 2Co 7:1 1976
male+ANIM.P+MED 2P.OBJ 1S.DEP PROG love
you men whom I love!

33. Demonstrative Cardinal Numeral.

The Demonstrative Cardinal Numeral Simple Form is derived the General Cardinal Numeral (Section 27.1). The numeral Prefix '*a-*' is dropped when the numeral takes on demonstrative functions. The Demonstrative Cardinal Numeral Simple Form can then be combined with all but the *bit-* forms of the prefixes that developed in the General Demonstrative set (i.e. *nga-*, *min-*, *mu-*).

The Function Vowel (Section 27.2) operates in the usual way with these demonstratives.

As mentioned in Section 17, the only divergence with the demonstrative system is that a different set of spatial suffixes is used when the numeral system is incorporated into the demonstrative system. The only exception being with the early fossilized animate numerals from 1 to 4. The 'normal' set is *-ne*, *-na*, *-no*, but demonstrative numerals use a secondary set, *-oe*, *-oa*, -oo. These are at times written with a /w/, i.e. '-we', '*-wa*' which is why in this study they are written as a non-syllabic vowel glide+vowel sequence, *-o̯e*, *-o̯a*, *-o̯o or -u̯e, -u̯a, -u̯o*.

The hundreds suffix is spelt '*-uer, -uar*' by Kayser, but as the 1918 Bible spells this suffix as '*-war*', the '*-ue-, -ua-*' has been taken to be a non-syllabic vowel glide+vowel sequence, '*-u̯e- , -u̯a-*'.

The folllowing points should be kept in mind when looking at the following tables:

12. Due to the rare occurrances of the Demonstrative Cardinal Numeral, the orthographic conventions used by Kayser have been kept, i.e.

    ṅ = velar nasal /ŋ/ (otherwise written [ng] or [ñ]

    ụ = central vowel (otherwise written [u] or [ü] or [ũ]

13. The number '1' is spelt '*aiquön*' in *Nauru Grammar*; however, it is spelt '*aiquen*' in the 1918 Bible and '*aikwen*' in the 1976 New Testament. Hughes phonemicizes it as [ek^{w}en] (Hughes 2020:271).

14. The number '7' is spelt '*aeu*' in '*Nauru Grammar*'; however, it is spelt '*aeiu'* in both the 1918 Bible and the 1976 New Testament. Hughes phonemicizes it as [eiju] (Hughes 2020:271).

15. The number '8' is spelt '*auiju*' in '*Nauru Grammar*'; however, it is spelt *'aoju*' in the 1918 Bible and '*aoiyu*' in the 1976 New Testeament. Hughes phonemicizes it as [o̯ju] (Hughes 2020:271).

16. The vowel combination ‘ai-‘ is now usually pronounced /e/, so:

    aikwen > ekʷen

    aiju > e̯ju

    aijimo > e̯jimʲo

17. The vowel comibation ‘au-, ao-‘ is usually pronounced /o/, so:

    auiju/aoiju > o̯ju

18. between vowels, /j/ (which represents the palatal glide) is moving towards a fricated allophone, [j̯]:

    aiju > e̯ju

    aijimo > e̯jimʲo

    aoju > o̯ju

    The exception is with the numerals ‘7’, ‘*aeiu*’, this is not pronounced with the fricated [j̯], Hughes phonemicizes it as [eiju].

19. The number ‘4’, ‘*aeoq, aeoqu-*‘ is phonemicized by Hughes as [æeokʷ] (Hughes 2020:271).

20. In Kayser’s Grammar, ‘5’ is invariably written ‘*ijimeo*’ ; Kayser (NG3) descibes this /e/ in ‘*ijimeo*’ as a “fleeting slide vowel”. ‘5’ is usually spelt ‘*aijimo*’ and is phonemicized as [e̯jimʲo] by Hughes (Hughes 2020:271).

21. The root forms for ‘2’, ‘5’ and ‘6’ end in /o/ so according to Kayser should take the spatial suffixes ‘-ụe, -*ụa*,-*ụo*’; at times they are spelt with the form ‘-*ọe*, -*ọa*, -*ọo*’, but in this study these are taken as mis-spellings (NG41-43, and 62).

22. The vowel sandhi exibited by the numeral root forms and decade marker ‘-*ma*’ and hundreds marker ‘-*wer*’ is not understood by this writer.

Table 38: Demonstrative Cardinal Numerals 1 - 9

		Simple form	Emphatic	NEI	NEII
One	Proximal	aiquönọe	ṅaiquönọe	minaiquönọe	mụaiquönọe
	Medial	aiquönọa	ṅaiquönọa	minaiquönọa	mụaiquönọa
	Distal	aiquönọo	ṅaiquönọo	minaiquönọo	mụaiquönọo
Two	Proximal	roụe	ṅaroụe	miniroụe	mụroụe
	Medial	roụa	ṅaroụa ngarowa (1976)	miniroụa	mụroụa murowa (1976)
	Distal	roụo	ṅaroụo	miniroụo	mụroụo

Three	Proximal	juu̲e	ṅaijuu̲e	minijuu̲e	mụijuu̲e
	Medial	juu̲a	ṅaijuu̲a	minijuu̲a	mụijuu̲a
	Distal	juu̲o	ṅaijuu̲o	minijuu̲o	mụijuu̲o
Four	Proximal	aeoquo̲e	ṅaeoquo̲e	minaeoquo̲e minaeoquõe (1918)	mụaeoquo̲e
	Medial	aeoquo̲a	ṅaeoquo̲a	minaeoquo̲a	mụaeoquo̲a
	Distal	aeoquo̲o	ṅaeoquo̲o	minaeoquo̲	mụaeoquo̲o
Five	Proximal	ijimeou̲e	ṅaijimeou̲e	minijimeou̲e	mụijimeou̲e
	Medial	ijimeou̲a	ṅaijimeou̲a	minijimeou̲a	mụijimeou̲a
	Distal	ijimeou̲o	ṅaijimeou̲o	minijimeou̲o	mụijimeou̲o
Six	Proximal	añou̲e	ṅaṅou̲e	minañou̲e	mụañou̲e
	Medial	añou̲a	ṅaṅou̲a	minañou̲a	mụañou̲a
	Distal	añou̲o	ṅaṅou̲o	minañou̲o	mụañou̲o

Seven	Proximal	aeuu̱e	ṅaeuu̱e	minaeuu̱e	mụaeuu̱e
	Medial	aeuu̱a	ṅaeuu̱a	minaeuu̱a	mụaeuu̱a
	Distal	aeuu̱o	ṅaeuu̱o	minaeuu̱o	mụaeuu̱o
Eight	Proximal	auijuu̱e	ṅauijuu̱e	minauijuu̱e	mụauijuu̱e
	Medial	auijuu̱a	ṅauijuu̱a	minauijuu̱a	mụauijuu̱a
	Distal	auijuu̱o	ṅauijuu̱o	minauijuu̱o	mụauijuu̱o
Nine	Proximal	adou̱e	ṅadou̱e	minadou̱e	mụadou̱e
	Medial	adou̱a	ṅadou̱a	minadou̱a	mụadou̱a
	Distal	adou̱o	ṅadou̱o	minadou̱o	mụadou̱o

Table 39: Demonstrative Cardinal Numerals: Decade Numbers (Proximal Form; Medial and Distal Forms change final vowel as above)

10	Proximal	ataeo̱e	ṅataeo̱e	minataeo̱e	mụataeo̱e
20	Proximal	anaramaeo̱e araramaeo̱e	ṅanaramaeo̱e ṅararamaeo̱e	minanaramaeo̱e minararamaeo̱e	mụanaramaeo̱e mụararamaeo̱e

30	Proximal	animoeo̱e	ṅanimoeo̱e	minanimoeo̱e	mụanimoeo̱e
40	Proximal	ammaeo̱e	ṅammaeo̱e	minammaeo̱e	mụammaeo̱e
50	Proximal	ijimaeo̱e	ṅaijimaeo̱e	minijimaeo̱e	mụijimaeo̱e
60	Proximal	aṅomaeo̱e	ṅaṅomaeo̱e	minaṅomaeo̱e	mụṅanomaeo̱e
70	Proximal	aemoeo̱e	ṅaemoeo̱e	minaemoeo̱e	mụaemoeo̱e
80	Proximal	auijumoeo̱e	ṅauijumoeo̱e	minauijumoeo̱e	mụauijumoeo̱e
90	Proximal	adumaeo̱e	ṅadumaeo̱e	minadumaeo̱e	mụadumaeo̱e

Table 40: Demonstrative Cardinal Numerals: Hundreds (Proximal Form; Medial and Distal Forms change final vowel as above)

100	Proximal	aibuiu̱e	ṅaibuiu̱e	minaibuiu̱e	mụ̀aibuiu̱e
200	Proximal	robuiu̱e	ṅarobuiu̱e	minirobuiu̱e	mụ̀robuiu̱e
300	Proximal	ijibuiu̱e	ṅaijibuiu̱e	minijibuiu̱e	mụ̀ijibuiu̱e
400	Proximal	abuiu̱e	ṅabuiu̱e	minabuiu̱e	mụ̀abuiu̱e
500	Proximal	ijimou̱eru̱e	ṅaijimou̱eru̱e	minijimou̱eru̱e	mụ̀ijimou̱eru̱e
600	Proximal	aṅou̱eru̱e	ṅaṅou̱eru̱e	minaṅou̱eru̱e	mụ̀aṅou̱eru̱e
700	Proximal	aueru̱e	ṅaueru̱e	minaueru̱e	mụ̀aueru̱e
800	Proximal	auijueru̱e	ṅauijueru̱e	minauijueru̱e	mụ̀auijueru̱e
900	Proximal	adau̱eru̱e	ṅadau̱eru̱e	minadau̱eru̱e	mụ̀adau̱eru̱e

Table 41: Demonstrative Cardinal Numeral: 1000 (Proximal Form; Medial and Distal Forms change final vowel as above)

1000	Proximal	araṅaeo̯e	ṅaraṅaeo̯e	minaraṅaeo̯e	mu̯araṅaeo̯e

Examples:

522.
me totu minaeoquõe etabañabañ ean iñin ñana aeoq Ex 25:26
& put NEI+four+PROX AB+ring on+3S.POS corner E+MED.P four
and put those four rings in the four corners

523.
aro emetũbwije ijõñit erra eran bwe eñan in metu murowa ekaram Ex 26:19
two AB+socket under+3S,POS AB+plank INDF+CL30[3] for place CONS go.in NEII+two+MED AB+joint
two sockets under a plank for the place of entry of those two pieces

524.
murowa apen wekañan Le 3:4
NEII+two+MED stone+CONS hip
those two kidneys

525.
me baruen mungana brot aiyimo me murowa iu Matt 14:1976
& take+PERF NEII+MED.P bread five & NEII+two+MED fish
he then took those five loaves and those two fish

526.
bwe murowe meo or eed woten am katimor Lu 2:32 1976
for NEII+two+PROX eye+1S.POS 3D.DEP see SUCC+PERF GPOS+2S.POS CAUS+live
for these two eyes of mine have successfully seen your saving

527.
emekwor eow ean miyumaoa [sic] edako eamen arag ebwak John 5:3 1976
3s+lie DDIR on+3S.POS NEII+five+MED AB+square male+CONS sick numerous
many sick men lay down on those five porches]

528.
tin ia murowe meo eitiok eedwotow ean mururaoa ben uiten mwit ener John 20:25 1976
COND NEII+two+PROX eye+1S.POS PREI see+SUCC+DIR on+3S.POS NEII+two+CL30[3]+MED hand+3S.POS wound+CONS end+CONS AB+nail
If these two eyes of mine have not yet successfully seen on those two hands of his the wounds of the nail ends...

529.

bwe murowa met Demoniba ar mwaiy ngabuna eimwi deidein, me mururaoa yingen aura detaro 1Pe 3:12 1976
for NEII+two+MED eye+CONS Lord 3D.DEP face E+ANIM.P+MED right manner+3S.POS & NEII+two+CL30[3]+MED ear+3S.POS GPOS+3P.POS prayer
for those two eyes of the Lord are before those ones whose way is upright and those two ears of his their prayers]

530.

eat imin aro, ngarowa ek[sic; ekam] iwiwideiyen ngarowa God eo gona ebwaite eow ean He 6:18 1976
on+3S.POS AB+thing two E+two+MED NEG turn+RED+APPL+3S.GER E+two+MED God NEG able AB+lie DIR on+3S.POS
by two things, which two things do not turn back, which two things God is unable to lie by them

531.

amerumena uror murueoa olive me murowa yoret telamp Re 11:4 1976
male+two+ANIM+MED 3D.IND NEII+two+CL27[6]+MED olive & NEII+two+MED post+CONS lamp
those two men they are those two olive trees and those two lampstands

532.

murowa gat tuwen amerumena or nan ta mamekwor ange Re 11:8 1976
NEII+two+MED corpse+CONS male+two+ANIM+MED 3D.DEP UNR only lie+RED on.ground
[those two bodies of the two men will lie around on the ground]

533.

tekeiy pwiyit ee murowa men amea me ebwaken mungana diadem yarait tubwin Re 19:12 1976
like flame+CONS fire NEII+two+MED eye+CONS male+MED & numerous+CONS NEII+MED.P diadem atop+3S.POS head+3S.POS
like the flame are those two eyes of his and the many diadems on his head

534.

Demoniba öüijön amärumena engel bue ör üm öekäow mürouwa tagawa Nuw 11:4

Lord send male+two+ANIM+MED angel for 3D.DEP MOD destroy NEII+two+MED village

the Lord sent those two angels so that they might destroy those two cities

535.

oquötirot imin inno me inno eow Agypten me Josef öpapoij müñana baban weizen e reñon

fill+SUP+COM AB+thing yonder & yonder DIR Egypt & Joseph FAC+bring.together+RED+APPL NEII+MED.P seed+CONS wheat 3S.DEP remain

ian müaeijua eobani in indeed Nuw22:1

in+3S.POS NEII+seven+MED AB+year CONS harvest

surplus of things from all over Egypt and Joseph made to bring together wheat seed that remained for those seven years of harvest

536.

ateng tsied eken kor ngana advantages me eken kor won purposes ngaga enim merge eiy

1S.DEP+want know INDF+CL20[21] INTENS E+MED.P advantages & INDF+CL20[21] INTENS RPOS+3S.POS purposes TEMP+MED 3S.DEP+MOD merge APPL

ngarowa murowa hsd-16p-20070620

E+two+MED NEII+two+MED

I want to know more those advantages and more his purposes when he should merge those two things

33.1. Compound Demonstrative Cardinal Numeral.

Kayser (NG62) states that in the compound demonstrative numeral the first part bears the empahitic prefix (nga-) or one of the non-emphatic prefixes (excluding *bit*- forms), i.e. *min*- or *mu*-. The second element, which is the simple form of the demonstrative, bears a spatial suffix. Any numbers in between are the simple Cardinal Numerals.

Table 42.Compound Demonstrative Cardinal Numeral [Indicative Table].

Number	11	12	13	14
Simple	ata m aiquön -o̱e /-o̱a/-o̱o	ata m aro -u̱e/-u̱a/-u̱o	ata m aiju -u̱e/-u̱a/-u̱o	ata m aeoqu -o̱e /-o̱a/-o̱o
Emphatic	ṅata m aiquön -o̱e /-o̱a/-o̱o	ṅata m aro -u̱e/-u̱a/-u̱o	ṅata m aiju -u̱e/-u̱a/-u̱o	ṅata m aeoqu -o̱e /-o̱a/-o̱o
NEI	minata m aiquön -o̱e /-o̱a/-o̱o	minata m aro -u̱e/-u̱a/-u̱o	minata m aiju -u̱e/-u̱a/-u̱o	minata m aeoqu -o̱e /-o̱a/-o̱o
NEII	mụata m aiquön -o̱e /-o̱a/-o̱o	mụata m aro -u̱e/-u̱a/-u̱o	mụata m aiju -u̱e/-u̱a/-u̱o	mụata m aeoqu -o̱e /-o̱a/-o̱o
	15	16	17	18
Simple	ata m aijimo -u̱e/-u̱a/-u̱o	ata m aṅo -u̱e/-u̱a/-u̱o	ata m aeu -u̱e/-u̱a/-u̱o	ata m auju -u̱e/-u̱a/-u̱o
Emphatic	ṅata m aijimo -u̱e/-u̱a/-u̱o	ṅata m aṅo -u̱e/-u̱a/-u̱o	ṅata m aeu -u̱e/-u̱a/-u̱o	ṅata m auju -u̱e/-u̱a/-u̱o

NEI	minata m aijimo -u̱e/-u̱a/-u̱o	minata m aṅo -u̱e/-u̱a/-u̱o	minata m aeu -u̱e/-u̱a/-u̱o	minata m auju -u̱e/-u̱a/-u̱o
NEII	mụata m aijimo -u̱e/-u̱a/-u̱o	mụata m aṅo -u̱e/-u̱a/-u̱o	mụata m aeu -u̱e/-u̱a/-u̱o	mụata m auju -u̱e/-u̱a/-u̱o
	19	21	22	23
Simple	ata m ado u̱e/-u̱a/-u̱o	anarama m aiquön -o̱ e /-o̱ a/-o̱o	anarama m aro -u̱e/-u̱a/-u̱o	anarama m aiju -u̱e/-u̱a/-u̱o
Emphatic	ṅata m ado u̱e/-u̱a/-u̱o	ṅanarama m aiquön -o̱ e /-o̱ a/-o̱o	ṅanarama m aro -u̱e/-u̱a/-u̱o	ṅanarama m aiju -u̱e/-u̱a/-u̱o
NEI	minata m ado u̱e/-u̱a/-u̱o	minarama m aiquön -o̱ e /-o̱ a/-o̱ o	minarama m aro -u̱e/-u̱a/-u̱o	minarama m aiju -u̱e/-u̱a/-u̱o
NEII	mụata m ado u̱e/-u̱a/-u̱o	mụarama m aiquön -o̱ e /-o̱ a/-o̱ o	mụarama m aro -u̱e/-u̱a/-u̱o	mụarama m aiju -u̱e/-u̱a/-u̱o

Examples:

537.
ṅata m aiquönọe NG62
E+ten & one+PROX
these 11 here

538.
minata m aiquönọe NG62
NEII+ten & one+PROX
these 11 here

539.
mụata m aiquönọe NG62
NEII+ten & one+PROX
these 11 here

540.
ṅanimo m aroụe NG62
E+30 & two+PROX
these 32

541.
ṅauijumo m auijuụe NG62
E+80 & eight+PROX
these 88

542.
ṅarobu me aṅoma me adoụe NG62
E+200 & 60 & nine+PROX
these 269

543.
ṅaijimeo earaṅan me aijimoụer me aijima m ijimeoụe NG62
E+five AB+1000+CONS & 500 & 50 & five+PROX
these 5555 here

544.

minijimeo earaṅan me aijimoo̱er me aijima m ijimeoo̱e NG62
NEI+five AB+1000+CONS & 500 & 50 & five+PROX
these 5555 here

545.
mụijimeo earaṅan me aijimoo̱er me aijima m ijimeoo̱e NG62
NEII+five AB+1000+CONS & 500 & 50 & five+PROX
these 5555 here

34. Classificatory Demonstrative.

It is generally assumed that some form of noun-class system was used in the Proto-Austronesian parent language – and hence, also, in Proto-Oceanic (see Tryon 1995:37). Nauruan, as with other Micronesian languages, would have inherited one or more noun-class indicators from Proto-Oceanic via Proto-Micronesian.

David Gil makes this definition of “classifiers” (David Gil. 2013. Numeral Classifiers http://wals.info/chapter/55, Accessed on 2023-02-11):

“…sortal numeral classifiers. This term makes reference to one of the most salient functions of such forms, which is to divide the inventory of count nouns into semantic classes, each of which is associated with a different classifier.”

The Nauruan language, at the point of the German incorporation of Nauru into the German Empire (1888 onwards), had developed a classificatory system dividing countable objects into over 30 “classifiers”. In Nauruan, a number of the classifiers show a transparent link to noun roots indicating the historical relationship between classifiers and actual objects. For the low numbers 1 – 4, and usually the early decades, there are old fused forms of the numeral plus the classifier. In-between numbers were still associated with the specific classifier by means of a numeral particle formed from the specific classifier.

At some stage in the evolution of the language, Nauruan incorporated the demonstrative function into the classificatory system. Pre-colonisation Nauruan seems to have gone further than other Micronesian languages in incorporating the classifier system into not just the numeral system where it originated, but also into the demonstrative system and the Indefinite Pronoun , and Quantum Interrogative Adverb and Distributive Numeral system. A later development was the incorporation of the demonstrative function into the already existing classificatory numeral set.

Since the last century, the Nauruan way of life has changed totally, so many of the classifiers that had been associated with cultural elements of Nauruan life have dissapeared as those elements of Nauruan cultural life have ceased. Johnson (2002:159) makes the following remark:

“Referring specifically to nominal classification as described by Kayser, Bender (1971 :438) states: ‘George Pittman, who was Director of Education on Nauru for a number of years ..., reports that the present-day language of the younger generation has dropped much of this elaborate apparatus.’ ” And Johnson in her 2002 work, of her seven respondents, only the two oldest respondents maintained some usage of the classifiers as described by Kayser and Hambruch in the early colonial period.

People of faith who make use of the 1918 Bible and 1976 New Testament will be exposed to the pre-colonial classificatory system.

34.1. Outline of Nauruan Classifiers.

In literature, the earlier work, "*Die Sprache von Nauru*" (Hambruch 1914.2, p. 29-30) – said to be an edited version of a manuscript grammar of Nauruan written by the missionary Phillip A. Delaporte (see Rensch 1993, p. VII) – had identified 26 "Wortkategorien" as follows - with the Classifier number as used in this study in italics :

1.	Einer, Zahladverbium, Zahladjektiv [One, number adverb, number adjective] *Not counted as a Classifier* – adverbial prefix	a (?)
2.	Zehner [tens] *Not counted as a Classifier* – decades suffix	ma
3.	Hunderter [hundreds] *Not counted as a Classifier* – low hundreds suffix	bu
4.	Tausender [thousands] *Not counted as a Classifier* – word for thousand	řaṅa
5.	Lebende Wesen, einzeln gezählt [living beings individually counted] *Not counted as a Classifier in this study*	měn
6.	Gruppen lebender Wesen, Familien, Sippen, Fisch-, Vogel- schwärme [groups of living beings, families, clans, schools of fish, swarms of birds] *Classifier 26*	ṅe (?)
7.	Pflanzen, Blumen, Bäume, Sträucher (fruchttragend) [plants, flowers, trees, fruit-bearing shrubs] *Classifier 27*	u̯é (?)
8.	Boote, große Eß schüsseln mit Inhalt [boats, large bowls with contents] *Classifier 12*	ē (?)

9. Trinkschalen, kleine Eßschüsseln
[drinking bowls, small bowls] ūr̄
Classifier 36

10. Matten, Messer, leere Trinkschalen
[mats, knives, empty drinking bowls] ra (?)
Classifier 30

11. Matten mit Fischen gefüllt
[mats full of fish] nī
Classifier 17

12. Blätter, Federn
[leaves, feathers] ri
Classifier 18

13. Abgewickelte Streifen (z.B. von Tabak), Oktopusfüße
[unwound tobacco ropes, octopus tentacles] uā (?)
Classifier 33

14. Kränze, Ketten, Schnüre
[garlands, chains, string] muę
Classifier *24*

15. Lange, große Gegenstände
[long, large objects] mai͡
Classifier 21

16. Quergeteilte Stücke
[timber cut crossways] boṅo
Classifier 2

17. Längsgeteilte Stücke
[timber cut lengthways] a͡i
Classifier 1

18. Beliebig zerteilte, zerbrochene Stücke
(Tabak, Lansparzellen)
[part-cut, broken-up pieces like tobacco, parcels of land] muār̃i
Classifier 23

19. Bündel, natürliche (Kokosnuß, Bananen)
[naturally occurring bundles like coconuts and bananas] mē (?)
Classifier 24

20. Bündel, künstliche (Brotfrüchte, eigene Kokosnüsse, Fische) r̃ā (?)
[customary bundling of things like breadfruit, individual coconuts, fish]
Classifier 31

21. Bündel, künstliche (Schalen, Gefäße)
[customary bundling of things like bowls, vessels] ga (?)
Classifier 14

22. Diminutivform [diminutive form] ki, kẹ
Classifier 20

23. Tage, Nächte, Zeitabschmitte
[days, nights, time periods] bum, buṅ
Classifier 5

24. Generationen
[generations] edeta
Classifier 32

25. Haufen, Mengen, Anhäufungen
[heaps, groups, accumulations] p’o̱
Classifier 29

26. Körbe (mit und ohne Inhalt)
[baskets, with and without contents] buę̄
Classifier 6

27. Landstücke
[plots of land] ęp
Classifier 10

28. Riffpassagen
[reef passages] ęga
Classifier 13

29. Süß-Wasserplätze, Brünnen
[bodies of sweet-water, wells] ę bŏ̱k
Classifier 4

30. Kothaufen
[mounds of human waste] mo͡iyi
Classifier 25

31. Vervielfältigung, Mal
[multiplication, times] uoī̆ ī
Classifier 35

The following table shows the numbers corresponding to Hambruch's classifiers used by Kayser and the present writer.

Table 43. Hambruch Classifier Number and Corresponding Numbering in Kayser 1936 and Williams 2014.

Hambruch	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Kayser	27	6	5	39	3	35	14	9	18/19	4	17	16	22	26	28	24	21	11	29	30	32	15	12	10	31	23
Williams	26	27	12	36	20	17	18	33	7	21	2	1	23	24	31	14	20	5	32	29	6	10	13	4	25	35

Kayser's *Nauru Grammar* lists 39 "categories", i.e. classifiers (see NG8-10).

These have been re-arranged to a largely alphabetic sequence in the present study.
His number of "categories" has been reduced to 36 classifiers by the following steps:

(a) His "*lifeless*" category 1 has been removed as it has no classificatory marker and is the general form of numeral and the later development of the Demonstrative Cardinal Numeral, and there is no "*lifeless*" classifier connected to the demonstrative system.

(b) his "*living beings*" category 2 has been removed. As seen in Section 21, '*amen*' with the meaning '*living beings*', was an early '*animate*' marker, but at a later time was re-analyzed as '*male*' and was re-incorporated into the demonstrative system with that meaning to produce the Male Demonstratives as well as fusing with pre-existing earlier fused Animate Demonstrative Numerals to produce Male Demonstrative Numerals.

In addition, Sections 23 – 26 and 30 show there are other markers for '*living beings*', male and female.

In addition there is a plural animate marker for '*living beings*', '*bun*' (Section 19).

(c) his "caterogies" 18 and 19 are doublets of the same classifier, and have been re-analyzed as one classifier.

In the re-analyzed listing of the 36 classifiers, each classifier is assigned a shorthand reference, i.e. CL1 (classifier number one) . The number in square brackets is the classifier ("category") number as found in Kayser's *Nauru Grammar* for ease of reference. The phonetic realization is as given by Maggie Jacobs – a Nauruan academic – to Lisa Johnson (see Johnson 2002).

Table 44. Table of Classifiers.

Classifier Number (*Nauru Grammar* Classifier number in brackets)	**Classifier (form and meaning)**
1[16]	ae [aʲæ] piece of flat things, patches. Not elicited by Johnson 2002. Kayser "to define pieces of flat things in general". Hambruch "pieces split lengthwise [längsgeteilte Stücke]".
2[17]	baño/bango [bʌŋo] part of a long object. Not elicited by Johnson 2002. Kayser 1936 "to define longish stiff parts of an object". Hambruch "pieces split across [quergeteilte Stücke]".

3[8]	be [be] coconut palm frond. Johnson (2002:180) indicates some usage among the pre-1970s generations, though its usage has spread to other leaves, showing a blurring of its original meaning being conflated with *ire* classifier domain.
4[10]	bõke/boge [bʲəge] body of fresh water. Not elicited by Johnson (2002). Kayser “fresh-water pits, ponds, pools”. Hambruch “bodies of sweet-water, wells” [Süß-Wasserplätze, Brünnen]
5[11]	bũmi/bumi [bɨmi] Johnson (2002:181,182) shows a continued use of this classifier with older informants. Kayser “nights/24 hour day” Hambruch “days, nights, time periods” [Tage, Nächte, Zeitabschmitte]

6[32]	b^{w}ere [bwere] Not elicited by Johnson (2002:185). Kayser “contents of baskets, bags etc” Hambruch “baskets, with and without contents” [Körbe (mit und ohne Inhalt)]
7[18/19]	bwetsi/bweti~ mwetsi/mweti [bweit^{s}i~bwei3i/ mweit^{s}i~mwei3i] Kayser “long and flexible objects” An alternate form ‘buäiji~muäiji’ appears in the distributive numeral series in Nauru Grammar and is specified as enumerating “slings (used in frigate bird hunting)”. It is suggested here that *mweti* was the original form, the *bweti* form being the result of undergoing the phonological process of prestopping [m- > ^{b}m- > b-]; the resultant form *bweti* continued in use alongside *mweti* and had overtaken it in frequency at the time the colonial period began. Johnson (2002) indicates some usage among older generations for the *bwe-* foms but the *mwe-* forms were not elicited . Hambruch “ garlands, chains, string” [Kränze, Ketten, Schnüre]
8[34]	dume [duume] Not elicited by Johnson (2002) Kayser “contents of wrappings, packets etc”

9[20]	ea [eʲæ] Not elicited by Johnson (2002) Kayser “four parts into which a fish is usually cut up”
10[15]	ebe/äbe [ebe] In use. Kayser “land” Hambruch “ plots of land [Landstücke]
11[7]	eiji/eiyi [e3i] In use. Kayser “words”
12[5]	eo [eʲo] trough-shaped objects like the traditional canoe – and by extension other craft, vehicles, planes. Johnson 2002 indicates some usage among older generations. Kayser “trough-shaped objects” Hambruch “boats, large bowls with contents” [Boote, große Eß schüsseln mit Inhalt]

13[12]	ga [gʌ] reef fissures Not elicited by Johnson (2002) Kayser “fissures on the edge of the reef, passages for canoes” Hambruch “reef passages” [Riffpassagen]
14[24]	ga [gæ] Not elicited by Johnson (2002) Kayser “bundles of coconut shells prepared for handling water” Hambruch “ customary bundling of things like bowls, vessels” [Bündel, künstliche (Schalen, Gefäße)]
15[13]	ime [ime] Not elicited by Johnson (2002) Kayser “sheltering roofs, protecting coverings”
16[38]	in [ʲiin] Not elicited by Johnson (2002) contents of coconut-fibre wrappings of scraped coconut”

17[35]	ine [iine] Not elicited by Johnson (2002) Kayser “contents of leaves wrapped up in paperbag form” Hambruch “mats full of fish” [Matten mit Fischen gefüllt]
18[14]	ire [ire] Not elicited by Johnson (2002) Kayser “single hairs, fibres, feathers, leaves” Hambruch “leaves, feathers” [Blätter, Federn]
19[36]	iwi [iwi] Not elicited by Johnson (2002) Kayser “contents of fishing nets”
20[21]	ke/kä [ke] Some usage, Johnson (2002) Kayser “very small parts of a thing” Hambruch “diminutive form” [Diminutivform]

21[4]	mae [mʲai] long rigid objects Johnson (2002) indicates usage among older generations Kayser “lengthy objects” Also used figuratively for groupings, parts, parties – see Kayser *Nauru Grammar* p.40) Hambruch “long, large objects” L[ange, große Gegenstände]
22[25]	mage [mʌge] Not elicited by Johnson (2002) Kayser “groups”
23[22]	mwari [mʷʌrʰi] Johnson (2002:183) indicates some usage among older generations Kayser “larger pieces of a thing” Hambruch “part-cut, broken-up pieces like tobacco (Tobacco in early colonials days was sold either in large cakes, or in long cables), parcels of land” [Beliebig zerteilte, zerbrochene Stücke (Tabak, Lansparzellen)]
24[26]	mwe/mwo [mʷə] fruits growing in clusters Kayser “clustery or syncarpous fruits” Hambruch “naturally occurring bunches (coconuts, bananas)” [Bündel, natürliche (Kokosnuß, Bananen)] Not elicited by Johnson 2002 though in her study she mentions that this classifier is present in the draft-dictionary of the Department of Education (2002:188).

25[31]	mweiyi [mʷei3i] heaps of excrement Not elicited by Johnson (2002) Hambruch “mounds of human waste” [Kothaufen]
26[27]	ñe/ŋge [ŋe] Not elicited by Johnson (2002) Kayser “kinds, species” Hambruch “groups of living beings, families, clans, schools of fish, swarms of birds” [Gruppen lebender Wesen, Familien, Sippen, Fisch-, Vogel- schwärme]
27[6]	oe/oä [oʷe] plants, vegetation Some usage noted in Johnson 2002 but there is also some evidence from her informants suggesting CL12 *eo* and CL27 *oe* have become somewhat confused (Johnson 2002 :178,179). Kayser “plants, stands for frigatebirds” Hambruch “ plants, flowers, trees, fruit-bearing shrubs” [Pflanzen, Blumen, Bäume, Sträucher (fruchttragend)]
28[37]	pañi/pangi [paŋi] Not elicited by Johnson (2002) Kayser “content of hollows in the reef”

29[30]	powi [po^{w}i] Kayser “heaps and collections of objects”; also used figuratively for groups of people (see NG40). Johnson (2002) indicates some usage among older generations Hambruch “heaps, groups, accumulations” [Haufen, Mengen, Anhäufungen]
30[3]	ra [r^{h}æ] objects conceived of as presenting a flat surface Johnson (2002:172-175) indicates this classifier is still in use Kayser “flat objects” Hambruch “mats, knives, empty drinking bowls” [Matten, Messer, leere Trinkschalen]
31[28]	re/rä [rre] rows/strings of objects; speech-flow, though individual words are used with CL11 [7] Some usage. Kayser “rows, strings of objects” Hambruch “customary bundling of things like breadfruit, individual coconuts, fish” [Bündel, künstliche (Brotfrüchte, eigene Kokosnüsse, Fische)]

32[29]	dete/tete [rere] Not elicited by Johnson (2002) Kayser “layers, pedigrees, generations” Hambruch “generations” [Generationen]
33[9]	wa [wa] Not elicited by Johnson (2002) Kayser “sinews, bands, long flexible objects” Hambruch “unwound tobacco ropes, octopus tentacles” [Abgewickelte Streifen (z.B. von Tabak), Oktopusfüße]
34[33]	wime [wiime] Not elicited by Johnson (2002) Kayser “contents of small fish baskets” for small fish
35[23]	wõri/wori [wʌri] Johnson reports continued use (2002) Kayser “number of times” Hambruch “multiplication, times” [Vervielfältigung, Mal

36[39]	wũri/wuri [wɨri] content of open-mouthed receptacle contents of receptacles like a bowl, glass, open mouthed containers, but not storage vessels (bottles, etc.). This classifier only applies if a substance is in an open container ready to be consumed, but not in a closed container for storage. Johnson (2002:185-187) indicates continued use among pre-1970s generation Kayser "contents of vessels". Also used figuratively for membership (of clubs, congregations) (see NG40) Hambruch "drinking bowls, small bowls" [Trinkschalen, kleine Eßschüsseln]

The formation of the Classificatory Demonstrative is regular.

The Simple form is formed by fusing the classifier with the spatial markers -ne/-na/-no

The usual prefixes taken from the General Demonstrative set, *nga-*, *min-*, *mu-*, can be prexifed to the simple for

Table 45. Classificatory Demonstratives.

Classifier Number (*Nauru Grammar* classifier number in brakets)	Classifier form and meaning	Spatial location	Simple	Emphatic	NEI	NEII
1(16)	ae [aʲæ] piece of flat things, patch	Proximal	aene	ngaene	minaene	muaene/maene
		Medial	aena	ngaena	minaena	muaena/maena
		Distal	aeno	ngaeno	minaeno	muaeno/maeno
2(17)	bañ̃o/bango [bʌŋo] part of long object	Proximal	bangone	ngabangone	minabangone	mubangone
		Medial	bangona	ngabangona	minabangona	mubangona
		Distal	bangono	ngabangono	minabangono	mubangono
3(8)	be [be] coconut leaf	Proximal	bene	ngabene	minibene	mubene
		Medial	bena	ngabena	minibena	mubena
		Distal	beno	ngabeno	minibeno	mubeno
4(10)	bõke/boge [bʲəge] body of fresh water	Proximal	bogene	ngabogene	minibogene	mubogene
		Medial	bogena	ngabogena	minibogena	mubogena
		Distal	bogeno	ngabogeno	minibogeno	mubogeno
5(11)	bũmi/bumi [bɨmi] night/24 hour day	Proximal	bumine	ngabumine	minibumine	mubumine
		Medial	bumina	ngabumina	minibumina	mubumina
		Distal	bumino	ngabumino	minibumino	mubumino
6(32)	bʷere [bwere] content of basket, basketful	Proximal	bwerene	ngabwerene	minibwerene	mubwerene
		Medial	bwerena	ngabwerena	minibwerena	mubwerena
		Distal	bwereno	ngabwereno	minibwereno	mubwereno

7(19/18)	bwetsi/bweti~ mwetsi/mweti [bweitˢi~bwei3i/ mweitˢi~mwei3i] long flexible objects	Proximal	bwetine mwetine	ngabwetine nabwete ngamwetine ngamwete	minibwetine minibwete minimwetine minimwete	mubwetine mubwete mumwetine mumwete
		Medial	bwetina mwetina	ngabwetina nabweta ngamwetina ngamwete	minibwetina minibweta minimwetina minimweta	mubwetina mubweta mumwetina mumweta
		Distal	bwetino mwetino	ngabwetino nabweto ngamwetino ngamweto	minibwetino minibweto minimwetino minimweto	mubwetino mubweto mumwetino mumweto
8(34)	dume [duume] content of wrapping, package, container	Proximal	dumene	ngadumene	minidumene	mudumene
		Medial	dumena	ngadumena	miniduwena	mudumena
		Distal	dumeno	ngadumeno	miniduweno	mudumeno
9(20)	ea [eʲæ] fourth part of fish	Proximal	eane	ngaeane	mineane	mueane
		Medial	eana	ngaeana	mineana	mueana
		Distal	eano	ngaeano	mineano	mueano
10(15)	ebe/äbe [ebe] piece of land	Procimal	ebene	ngaebene/ngabene	minebene	muebene
		Medial	ebena	ngaebena/ngabena	minebena	muebena
		Distal	ebeno	ngaebeno/ngabeno	minebeno	muebeno
11(7)	eiji/eiyi [e3i] words	Proximal	eiyine	ngaeiyine/ngeiyine	mineiyine	mueiyine
		Medial	eiyina	ngaeiyina/ngeiyina	mineiyina	mueiyina
		Distal	eiyino	ngaeiyino/ngeiyino	mineiyino	mueiyino
12(5)	eo [eʲo] trough-shaped objects	Proximal	one	ngaeone/ngaione	mineone	mueone meone/mione
		Medial	ona	ngaeona/ngaiona	mineona	mueona meona/miona
		Distal	ono	ngaeono/ngaiono	mineono	mueono meono/miono
13(12)	ga [gʌ] reef fissures	Proximal	gane	ngagane	minigane	mugane
		Medial	gana	ngagana	minigana	mugana
		Distal	gano	ngagano	minigano	mugano

14(24)	ga [gæ] bundle of drinking-water shells	Proximal	gane	ngagane	minigane	mugane
		Medial	gana	ngagana	minigana	mugana
		Distal	gano	ngagano	minigano	mugano
15(13)	ime [ime] shelters	Proximal	imene	ngaimene	minimene	muimene
		Medial	imena	ngaimena	minimena	muimena
		Distal	imeno	ngaimeno	minimeno	muimeno
16(38)	in [ʲiin] content of coconut-fibre wrappings	Proximal	inine	ngainine	mininine	muinine
		Medial	inina	ngainina	mininina	muinina
		Distal	inino	ngainino	mininino	muinino
17(35)	ine [iine] content of leaf-wrappings	Proximal	inene	ngainene	mininene	muinene
		Medial	inena	ngainena	mininena	muinena
		Distal	ineno	ngaineno	minineno	muineno
18(14)	ire [ire] single hair/feather/leaf/fibre	Proximal	irene	ngairene	minirene	muirene
		Medial	irena	ngairena	minirena	muirena
		Distal	ireno	ngaireno	minireno	muireno
19(36)	iwi [iwi] contents of fish-nets	Proximal	iwine	ngaiwine	miniwine	muiwine
		Medial	iwina	ngaiwina	miniwina	muiwina
		Distal	iwino	ngaiwino	miniwino	muiwino
20(21)	kɐ/kä [ke] small part	Proximal	kene	ngakene	minikene	mukene
		Medial	kena	ngakena	minikena	mukena
		Distal	keno	ngakeno	minikeno	mukeno
21(4)	mae [mʲai] long rigid objects	Proximal	mane	ngamane	minimane	mumane
		Medial	mana	ngamana	minimana	mumana
		Distal	mana	ngamano	minimano	mumano
22(25)	mage [mʌge] groups	Proximal	magene	ngamagene	minimagene	mumagene
		Medial	magena	ngamagena	minimagena	mumagena
		Distal	mageno	ngamageno	minimageno	mumageno
23(22)	mwari [mʷʌrʰi] larger piece, large part of an object	Proximal	mwarine	ngamwarine	minimwarine	mumwarine
		Medial	mwarina	ngamwarina	minimwarina	mumwarina
		Distal	mwarino	ngamwarine	minimwarino	mumwarino
24(26)	mwe/mwo [mʷə] fruits growing in clusters	Proximal	mwene	ngamwene	minimwene	mumwene
		Medial	mwena	ngamwena	minimwena	mumwena
		Distal	mweno	ngamweno	minimweno	mumweno

25(31)	mweiyi [mʷeiʒi] heaps of excrement	Proximal	mweiyine	ngamweiyine	minimweiyine	mumweiyine
		Medial	mweiyina	ngamweiyina	minimweiyina	mumweiyina
		Distal	mweyino	ngamweiyino	minimweiyino	mumweiyino
26(27)	ñe/nge [ŋe] kinds, species	Proximal	ngene	ngangene	miningene	mungene
		Medial	ngena	ngangena	miningena	mungena
		Distal	ngeno	ngangeno	miningeno	mungeno
27(6)	oe/oä [oʷe] plants, vegetation	Proximal	oene	ngaoene/ngoene	minoene	muoene/muene
		Medial	oena	ngaoena/ngoena	minoena	muoena/muena
		Distal	oeno	ngaoeno/ngoeno	minoeno	muoeno/mueno
28(37)	pañi/pangi [paŋi] content of reef-hollows	Proximal	pangine	ngapangine	minipangine	mupangine
		Medial	pangina	ngapangina	minipangina	mupangina
		Distal	pangino	ngapangino	minipangino	mupangino
29(30)	powi [poʷi] heap, collections	Proximal	powine	ngapowine	minipowine	mupowine
		Medial	powina	ngapowina	minipowina	mupowina
		Distal	powino	ngapowino	minipowino	mupowino
30(3)	ra [rʰæ] objects conceived of as presenting a flat surface	Proximal	rane	ngarane	minirane	murine
		Medial	rana	ngarana	minirana	murana
		Distal	rano	ngarano	minirano	murano
31(28)	re/rä [rre] row, string of objects	Proximal	rene	ngarene	minirene	murine
		Medial	rena	ngarena	minirena	murena
		Distal	reno	ngareno	minireno	mureno
32(29)	dete/tete [rere] layer, pedigree, generation	Proximal	detene	ngadetene	minidetene	mudetene
		Medial	detena	ngadetena	minidetena	mudetena
		Distal	deteno	ngadeteno	minideteno	mudeteno
33(9)	wa [wa] long flexible parts	Proximal	wane	ngawane	miniwane	muwane
		Medial	wana	ngawana	miniwana	muwana
		Distal	wano	ngawano	miniwano	muwano
34(33)	wime [wiime] content of leaf baskets for small fish	Proximal	wimene	ngawimene	miniwimene	muwimene
		Medial	wimena	ngawimena	miniwimena	muwimena
		Distal	wimeno	ngawimeno	miniwimeno	muwimeno

35(23)	wõri/wori [wʌri] number of times	Proximal	worine	ngaworine	miniworine	muworine
		Medial	worina	ngaworina	miniworina	muworina
		Distal	worino	ngaworino	miniworino	muworino
36(39)	wũri/wuri [wɨri] content of open-mouthed receptacle	Proximal	wurine	ngawurine	miniwurine	muwurine
		Medial	wurina	ngawurina	miniwurina	muwurina
		Distal	wurino	ngawurino	miniwurino	muwurino

34.2 Examples of Classificatory Demonstratives.

546.

eko eñame iõ õñatareiõt ekarawin õbwe dedegai eaen etsimeduw;
be.not AB+person COND FAC+patch+APPL+COM AB+garment old cloth INDF.CL1[16] 3S.DEP+new
bwe minaena dedegai etsimeduw õba bita ekarawin, mo ouwaken baũin Matt 9:16
for NEI+CL1[16]+MED cloth 3S.DEP+new break NEIII+MED AB+garment & great+PERF break+3S.POS
no one patches an old garment with a patch of new cloth for that patch of new cloth tears that garment and its tear becomes big

547.

minaena dedegai ã ba atsin eat ekarawin etsimeduw eõ ewin a bit õbwe Lu 5:36
NEI+CL1[16]+MED cloth 3S.DEP break from on+3S.POS AB+garment 3S.DEP+new NEG fitting to NEIII+MED+ 3S.DEP+old
that patch of cloth is torn from the new garment, it is not fitting for that old one

548.
ngam obwa bet ngaena etimeduw me ngaena engatar etimeduw
lest break also E+CL1+MED 3s+new & E+CL1+MED AB+patch 3s+new
eo ewuina ngaena obwe Lu 5:36 1976
NEG fitting+to E+CL1[16]+MED 3S.DEP+old
lest also that new patch tears and that new patch is not suited for that old patch

549.
minaene edabuike Hambruch SN:45
NEI_CL1[16]+PROX AB+timber
this piece of wood split lengthwise [diese längespaltenen Holzstücke]
eomet ebarabaratu ebongon, ngabongona tekeiy ekewew emaet deidein Re 11:1 1976
3S.DEP+give+to+1S.DAT+PERF AB+bamboo INDF+CL2[17] E+CL2[17]+MED like AB+measure INDF+CL21[4] manner+3S.POS
they then gave me part of a cane, that part-length of cane which is like a measuring-stick in its character

550.
amea ngea etorer ame etimine turin bwain
male+MED E+MED 3S.DEDP+talk to+1S.DAT 3S.DEP+exist by+3S.POS object+3S.POS
an kewew emaen ebarabaretu ebongon ngabongona gold Re 21:15 1976
GPOS+3S.POS measure INDF+CL21[4] AB+bamboo INDF+CL2[17] E+CL2[17]+MED gold
the one talking to me had his measuring-stick, a part-length of cane, which part-length was gold

551.
mubuagoni [sic] edabuike SN:45
NEII+CL2[17]+PROX AB+timber
this piece of wood split across [diese quergespaltenen Holzstücke]

552.
ibija ñabõken edõgen itũga Is 7:3
AB+pool E+CL4[10]+MED+ side+3S.POS above
the pool, which pool is on the side above/the upper pool

553.
okob kor mibogene ebogen ren John 4:11 1976
3S,DEP+deep INTENS NEI+CL4[10]+PROX AB+well
and this well is really deep

554.
re nim õt duwen anũbũmin in ñabũmina Ex 12:8
3P.DEP MOD eat flesh+3S.POS ADV+night CONS E+CL5[11]+MED
they should eat its flesh during nighttime of that day

555.
ededegeri David anũbũmin in ñabũmine 2Sa 17:1
follow+RED David AVD+night cons E+CL5[11]+PROX
persued David tonight

556.
ṅabuäte earü NG9
E+CL7[18/19]+PROX AB+FISHLINE
this fishline

557.
ṅamuäte earü NG9
E+CL7[18/19]+PROX AB+FISHLINE
this fishline

558.
eanakeba ñabweta aijõbwe-ian eab epar in mwijow Ec 4:12
AB+cord E+CL7[18/19]+MED three+CL7[18/19]-in+3S.POS UNR.NEG 3S.DEP+hasten CONS break.apart
a cord which is three-strands-within, will not hasten to break apart/a threefold cord will not quickly be broken

559.
ro baiy eokong ebwetin... me ro kwaeon tubwin ngabweta
3P.DEP plat AB+thorn INDF+CL7[18/19] & 3P.DEPp encircle+COM head+3S.POS E+CL7[18/19]+MED
they plat thorns…and they set upon his head with that circlet

560.
bait iriañ ñea abwetsitae+FV wan Ps 33:2
object+CONS AB+sing E+MED NUM+CL7[18/19]+ten string+3s
object for song which has ten strings, i.e. a musical instrument with ten strings

561.
amea Johannes etsimine an karawin ñea ewet kamel ma aquarat iwũgagat ebwetsin ñamweta leder Matt 3:4
male+MED John 3S.DEP+exist GPOS+3S.POS garment E+MED skin+CONS camel & belt+3S.POS among+3S.POS INDF+CL7[18/19] E+CL7[18/19]+MED leather
John had a garment, which was camel skin, and his belt about him, which was leather

562.

bwe anim eaead ngabweta kworen wan shoe Mark 1:7 1976
for 1S.DEP+MOD loosen+RED E+CL7[18/19]+MED bind+3S.GER RPOS+3S.POS shoe
so that I should untie the laces of his shoe

563.

mo oqua aquan ñamweta akanthos John 19:5
& 3S.DEP+set belt+CONS E+CL7[18/19]+MED thorn
and they set his circlet , that one which was thorn

564.

itugain memag mungana, enim meg turumie bita eauwe ngea ekeiy ngabweta kworen mout deideit engame Col 3:14 1976
above+3S.POS all NEII+MED.P 3S.DEP+MOD dwell by+2P.POS NEIII+MED AB+love E+MED become E+CL7[18/19]+MED bind+3sGER good+CONS manner+CONS AB+person
all these things, love should be with you which becomes the binding of people's righteous ways

565.

eo meneang dogin ngabweta okwareo 2Tim 1:16 1976
NEG shame reason+3S.POS E+CL7[18/19]+MED FAC+BIND+1S.GER
he was not ashamed because of my being bound

omaro ko ngabweta burio eow iat Demoniba Phil 1:20 1976
FAC+refresh COMM E+CL718/19]+MED innards+1S.POS DIR in+3S.POS Lord
make refreshed my heart in the Lord

566.

tin ia ang amwamweduw ian mwura mungana boni ngabweta bwait eiruwaneiy ura Jas 3:3 1976
COND 1P.INC.DEP push+RED+DIR2+DIR9.down in+3S.POS mouth+3P.POS NEII+MED.P horse E+CL7[18/19]+MED object+CONS control 3P.OBJ
if we put into the mouth of horses the long, flexible object for controlling them [i.e. their bridles]

567.
me tuk ngaga me eiyidawen ian oeron midumena Ac 10:16 1976
& still TEMP+MED & 3S.DEP+let.up+DIR+PERF in+3S.POS cloud NEI+CL8[34]+MED
and immediately that wrapper was cast up into heaven

568.
idum idumen, tekeiy deideit dedagaiy linen eaen ouwak, ngadumen orodu
AB+wrapper INDF+CL8[34] like manner+CONS cloth linen INDF+CL1 big E+CL8+MED 3s+go.down
me iyedu an on muraoa ingin eadun ian oeron me turetuwame ngaena Ac 11:5 1976
& let.down COM COM NEII+CL30+four+MED corner downwards in+3s cloud & approach+to+me E+CL1[16]+MED
and a wrapper, like in its manner a large piece of linen cloth, which wrapper descended and was cast down by those four corners, down from heaven, and that piece of cloth came close to me

569.
ṅabene eäb NG8
E+CL10[15]+PROX AB+land
this one piece of land

570.
ñona dobot etiken ijugagain see ñage ma aedu-aeda ean bagobagan Matt 14:24
E+CL12[5]+MED boat 3S.DEP+yet+PERF between+3S.POS sea TEMP+PROX & down up on+3S.POS wave
and that boat was then yet in the midst of the sea and going up and down on the waves

571.
me aedu aeda animwen bagobagan miona ora ina imago kor Matt 14:24 1976
& down up atop+3S.POS wave NEII+CL12[5]+MED vessel+3P.POS there LOC+sea INTENS
and their vessel was going up and down on the waves there out at sea

572.
wo nan rid a meona om Nuw 6:4
2S.DEP UNR rise to NEII+CL12[5]+MED craft+2S.POS
you must board that craft of yours

573.
mätu a ko meona om Nuw 6:6
go+in to COMM NEII+CL12[5]+MED vessel+2S.POS
[enter your vessel]

574.
e mätuw ian arche ona Nuw 6:7
3S.DEP go.in+DIR9 in+3S.POS ark CL12[5]+MED
he entered into the ark

575.
iña ñagana egan? NG9
where E+CL13[12]+MED INDF+CL13[12]
where is that other passage?

576.
ñagane deiren NG9
E+CL14[24+PROX drinking-shell
this bundle of drinking water shells

577.
ṅainine eanakiwui NG37
E+16[38]+PROX AB+coconut
this coconut fibre wrapping full of scraped coconut

578.
anakiwui inine NG37
AB+coconut CL16[38]+PROX
this coconut fibre wrapping full of scraped coconut

579.
kauwe inäne NG37
flower CL17[35]+PROX
this leag bagful of flowers

580.
õten, wo nimõ titirũei ret imin ero ñaeren eñeñeda eanuaw? Job 13:25
TAG 2S.DEP MOD agitate+APPL hair+CONS AB+thing 3S.DEP+grow E+CL18[14]+MED+ blow away
should you harass a leaf which leaf is blown away

581.
Jehova Gott eririñ mimana eparũgirũg ñaman o roudan ean amea
Jehovah God 3S.DEP+make NEI+CL21[4]+MED AB+rib E+CL21[4]+MED+ 3S.DEP take.out+DIR on+3S.POS male+MED
me eket ãn Ge2:22
& make+PERF AB+woman
Jehovah God made of that rib which he had taken out of that man, and it became a woman

582.
mumwarina emeg ina ange, ngamwarina oreit opwae ina iruwit tempel Re 11:2 1976
NEII+CL23[22]+MED 3S.DEP+dwell there on.ground E+CL23[22]+MED PROG encircle there behind+3S.POS temple
that large place located there on the ground, the large place that is round about behind the temple

583.
ṅamuöne epo NG9
E+CL24[26]+PROX AB+pandanus
this pandanus fruit

584.
mũñena eñamañameab re ijababa eben Ãgypten memak Ex 8:24
NEII+CL26[27]+MED insect 3P.DEP destroy land+CONS Egypt all
that swarm of insects ruined all the land of Egypt

585.
tekei ficus ñañen õd amo n emer Je 24:2
like fig E+CL26[2]+MED+ pass first CONS 3S.DEP+ripe
like figs which kind (of figs) go first in ripeness

586.
leonis ñañena eoniñ Na 2:13
lion E+CL26[27]+MED 3S.DEP+young
those young lions

587.
ñaoäna io ubuiö NG9
E+CL27[6]+MED AB+ tamano homestead+1S.POS
that tamano there at my place

588.
anu ko mụäne NG168
climb COMM NEII+CL27[6]+PROX
climb this tree here

589.
amuid pañina NG37
eel CL28[37]+MED
that hollowful of eels

590.
mupowina ikumo re rangangeduwen ina okoruwow me re otubwiduw iat ebog Matt 8:32 1976
NE+CL29[30]+MED AB+pig 3P.DEP hasten+DIR2+DIR9+PERF there 3S.DEP+steep & 3P.DEP FAC+head+DIR2+DIR9 in+3S.POS AB+water
[that herd of swine then rushed down to where it is steep and they went headlong into the water]

591.
tekei myrrhe epowin, ñapowin emek ijugagain itũ Ca 1:13
like myrrh INDF+CL29[30] E+CL29[30]+MED+ 3S.DEP+dwell between+3S.POS breast+1S.POS
as a bundle of myrrh that is located between my breasts

592.
inan obiritagag eow ange mupowina won schafe Matt 26:31 1976
UNR scatter DIR on.ground NEII+CL29[30]+MED RPOS+3S.POS sheep
the sheep of his flock will be scattered to the ground

593.
kania, ngarana ben amea iyimeno, oreita meg tangu ean murane teibar Lu 22:21 1976
look E+CL30[3]+MED hand+CONS male+MED betray+1S.OBJ PROG dwell by+1S.POS on+3S.POS NEII+CL30[3]+PROX table
look! that hand of my betrayer is with me at this table

594.
mũrren amo ei…Ex 39:10
NEII+CL31[28]+MED+ first 3S.IND
the first row was…

595.
ngarena iat bibel amea oreita retineiy angogen, eiy ngarene Ac 8:32 1976
E+CL31[28]+MED in+3S.POS Bible male+MED PROG read+APPL word+3S.POS 3S.IND E+CL31[28]+PROX
that line in the Bible he was reading about it, this is the line…

596.
ngaga bita an miyimiy orabwin woten amea me
TEMP+MED NEIII+MED GPOS+3S.POS sleep overshadow SUC+PERF male+MED &
puduwen ange eadun ean ngadetena aiyedetit oag Acts 20:9 1976
fall+DIR9+PERF on.ground downwards+DIR8 on+3S.POS E+CL32[28]+MED three+CL32[28]+CONS house
when his sleep overtook him, he then fell to the floor down from the third level of the house

597.

mütetene amebüne kamie, ma [sic; mwa] eät imin amebune eñab r'eö eät NG:40
NEII+CL32+PROX male+ANIM.P+PROX 2P.OBJ 2P.DEP see AB+thing male+ANIM.P+PROX AB+old 3P.DEP+NEG see
you of this generation are seeing things which this older generation did not see

598.

ṅaworina towöm NG9
E+CL35[23]+MED go+2S.POS
your turn

599.

e nim õmõgida eow eat ebõk ñawũrin õbaõadsin Nu 5:23
3S.DEP MOD FAC+dry+DIR1 DIR on+3S.POS AB+fresh.water E+CL36[39]+MED+ bitter
he should make dry from the water which drinking vessel is biter

600.

mwar gona aiyok inim muwurina anan nim anga? Matt 20:22 1976
2D.DEP able or+no drink NEII+CL36[39]+MED 1S.DEP+UNR drink 1S.IND
[an you two drink that drinking vessel I will drink or not?

35. Classificatory Demonstrative Numeral.

The Classificatory Demonstrative Numeral is one of the unique features of the Nauruan language. The Classificatory Demonstrative Numeral Simple Form is derived the Classificatory Cardinal Numeral, which is itself derived from the General Cardinal Numeral (Section 27.1).

35.1. Classificatory Cardinal Numeral.

The following information on the Classificatory Cardinal Numeral sets the setting for the Classificatory Demonstrative Numeral. As with all the numeral forms, only those distinct forms in use are recorded by Kayser, those that lack fused forms make recourse to the numeral particle in conjunction with the Cardinal Numeral (NG69).

The low numbers 1 – 4 are formed thus:

Numeral Prefix ’*a*-‘ + numeral root + Classifier

Example:

Classifier 30[3] '*ra'*

Table 46.Classificatory Cardinal Numeral: Classifier 30[3] 'ra' Low Numbers Formation.

Classificatory Cardinal Numeral	Composition			End form
	Numeral Prefix	Numeral	Classifier	
1	a	ai	ra	airan (the *-n* is probably a fossilized construct suffix)
2	a	ro	ra	arura
3	a	iyu	ra	ayira
4	a	a	ra	ara

The higher numbers are formed thus:

Numeral Prefix *'a-'* + Classifier +Construct Suffix *'n'* + numeral root

Example:

Classifier 30[3] '*ra'*

Table 47. Classificatory Cardinal Numeral: Classifier 30[3] 'ra' High Numbers Formation.

	Numeral Prefix	Classifier	Construct Suffix	Numeral	
5	a	ra	n	iyimo	aratiyimo
10	a	ra	n	ta	arata
20	a	ra	n	ruma	araruma
30	a	ra	n	iyimo	aratimo
50	a	ra	n	iyima	aratima
90	a	ra	n	duma	araduma
100	a	ra	n	ibu	aratebu
200	a	ra	n	robu	ararobu
300	a	ra	n	iyubu	aratiyibu
500	a	ra	n	iyimower	aratimower

The fused forms show at least three Nauruan phonological processes at work: denasalization, rhotic regressive assimilation and dental plosive regressive assimilation as well as syncope.

Denasalization:

5, a+ra+n+iyimo
↓
aran iyimo
↓
aratiyim^{j}o

30, a+ra+n+iyumo
↓
aran iyumo
↓
aratiyimo
↓
aratimo (syncope)

50, a+ra+n+iyima
↓
aran iyima
↓
aratiyima
↓
aratima (syncope)

100, a+ra+n+ibu
↓
aran ibu
↓
aratebu

300, a+ra+n+itubu
↓
aran iyubu
↓
aratiyibu

500, a+ra+n+iyimower
↓
aran iyimower
↓
aratiyimower
↓
aratimower (syncope)

Dental Plosive Regressive Assimilation:

10, a+ra+n+ta
↓
aran ta
↓
arata

90, a+ra+n+duma
↓
aran duma
↓
araduma

Rhotic Regressive Assimilation:

20, a+ra+n+ruma
↓
aran ruma
↓
araruma

200, a+ra+n+robu

↓

aran robu

↓

ararobu

Table 48. Classificatory Cardinal Numerals 1 – 4 (adapted from Kayser)

Classifier No. [Kayser' No in square brackets]	1	2	3	4
1 [16] ae [aj̇æ]	aiaen	aruae	aijiae	aae
2 [17] baño/bango/baṅo [bʌŋo]	aibaṅon	arubaṅo	aijibaṅo	abaṅo
3 [8] be/bä [be]	aibän	arabä	aijibä	abä
4 [10] bõk/bog/bög [bj̇əg]	aibögen	arabög	aijibög	abög
5 [11] bũm/bum/büm[bɨm]	aibümin	arabüm	aijụbüm	eabüm

6 [32] bwere/buere [bʷere]	aibueren	arabuer	aijụbuer	abuer
7 [19/18] bwetsi/bweti/bueti~ mwetsi/mweti/mueti [bweitˢi~bwei3i/ mweitˢi~mwei3i]	aibuetin aimuetin	arabueij aramueij	aijụbueij aijụmweij	abueij amueij
8 [34] dume [duume]	aidumen	arodum	aijidum	adum
9 [20] ea [eɹæ]	aian	arua	aija	aea
10 [15] eb/äb [eb]	aiben	aräb	aijäb	ab
11 [7] eiji/eiyi [e3i]	aeijin	areij	aeijeij	aeiji
12 [5] eo [eɹo]	aion	ara	aija	aea
13 [12] ga [gʌ]	aigan	aruga	aijiga	aga
14 [24] ga/gạ [gæ]	aigạn	arugạ	aijigạ	agạ

15 [13] ime [ime]	aimen	arim	aijim	am
16 [38] in [jiin]	ain	arin	aijin	an
17 [35] ine/inä [iine]	ainän	arinä	aijinä	anä
18 [14] ire [ire]	airen	arure	aijir	ar
19 [36] iw [iw]	aiwin	ariw	aijiw	aw
20 [21] ke/kä [ke]	aikän	arukä	aijikä	akä
21 [4] mae/ma [mjai]	aimaen	arumae	aijimae	amae
22 [25] mage/magä [mʌge]	aimagä	arumagä	aijimagä	amagä
23 [22] mwari/mari [mʷʌrʰi]	aimarin	arumari	aijimari	amari
24 [26] mwe/muö [mwə]	aimuön	aram	aijom/aiyom	am
25 [31] mweij/mweiyi/i/muei ji[mweiʒi]	aimueijin	arumueij	aijiụmueij	amueij

26 [27] nge/ñe/ngä/ṅe [ŋe]	aiṅen	aruaṅe	ainaṅe	aṅe
27 [6] oe/oä [oʷe]	aioän	aruoä	aijoä	aoä
28 [37] pañ/pang/pa₌ṅ [paŋ]	aipaṅin	arupaṅ	aijipan	apaṅ
29 [30] powi [poʷi]	aipowin	arupowi	aijipowi	apowi
30 [3] ra [rʱæ]	airan	arura	aijra	ara
31 [28] rä [rre]	airän/	ararä	aijirä	arä
32 [29] tete/dete [rere]	aiteten	arueteta	aijiteta	ateta
33 [9] wa/wa₌ [wa]	aiw̲a̲n	aruw̲a̲	aijiw̲a̲	aw̲a̲
34 [33] wime [wiime]	aiwimen	arowim	aijuwim	awim
35 [23] wõri/wori/wöri [wʌri	aiwörin	aruwöri	aijuwöri	awöri

36 [39] wũr/wur/wür [wɨr]	aiwürin	arowür	aijuwür	awür

Table 49. Clasificatory Cardinal Numeral: Higher Numbers (adapted from Kayse).

Classifier No. [Kayser's No.]						
1 [16] ae [aɟæ]	5	10	20	30	50	90
	aetijimo	aeta	aeruma	aetimo	aetima	aeduma
	100	200	300	500		
	aetebu	aerobu	aetijibu	aetimou̯er		
2 [17] baño/bango/ baṅo [bʌŋo]	5	10	20	30	50	90
	abaṅotijimo	abaṅota	abaṅoruma	abaṅotimo	abaṅotima	abaṅoduma
	100	200	300	500		
	abaṅotebu	abaṅorobu	abaṅotijibu	abaṅotimou̯er		

3 [8]	5	10	20	30	50	90
be/bä [be]	abätijimo	abäta	abäruma	abätimo	abätima	abäduma
	100	200	300	500		
	abätebu	abärobu	abätijibu	abätimo̯er		
	5	10	20	30	50	90
4 [10]	abögetijimo	abögeta	abögeruma	abögetimo	abögetima	abögeduma
bõk/bog/bög [bjəg]	100	200	300	500		
	abögetebu	abögerobu	abögetijibu	abögetimo̯er		

5 [11]	5	10	20	30	50	90
bũm/bum/	abümitijimo	abümita	abümiruma	abümitimp	abümitima	abümiduma
büm[bɨm]	100	200	300	500		
	abümitebu	abümirobu	abümitijibu	abümitimo̯er		
6 [32]	5	10	20	30	50	90
bwere/buere [bʷere]	abueretijimo	abuereta	abuereruma	abueretimo	abueretima	abuereduma
	100	200	300	500		
	abueretebu	abuererobu	abueretijibu	abueretimo̯er		

7 [19/18] bwetsi/bweti/buäti~mwetsi/mweti/muäti [bweitsi~bwei3i/ mweitsi~mwei3i]	5	10	20	30	50	90
	abuätitijimo amuätitijimo	abuätita amuätita	abuätiruma amuätiruma	abuätitimo amuätitimo	abuätitima amuätitima	abuätiduma amuätiduma
	100	200	300	500		
	abuätitebu amuätitebu	abuätirobu amuätirobu	abuätitijibu amuätitijibu	abuätitimoụer amuätitimoụer		
8 [34] dume [duume]	5	10	20	30	50	90
	adumetijimo	adumeta	adumeruma	adumetimo	adumetima	adumeduma
	100	200	300	500		
	adumetebu	adumerobu	adumetijibu	adumetimoụer		

	5	10	20	30	50	90
9 [20]	aeatijimo	aeata	aearuma	aeatima	aeatima	aeaduma
ea [ejæ]	100	200	300	500		
	aeatebu	aearobu	aeatijibu	aeatimoụer		
10 [15]	5	10	20	30	50	90
eb/äb [eb]	aäbetijimo	äbeta	aäberuma	aäbetimo	aäbetima	aäbeduma
	100	200	300	500		
	aäbetebu	aäberobu	aäbetijibu	aäbetimoụer		
11 [7]	5	10	20	30	50	90
eiji/eiyi [e3i]	aeijitijimo	aeijita	aeijiruma	aeijitimo	aeijitima	aeijiduma
	100	200	300	500		

	aeijitebu	aeijirobu	aeijitijibu	aeijitimoụer		
12 [5]	5	10	20	30	50	90
eo [ejo]	aeotijimo	aeota	aeoruma	aeotimo	aeotima	aeoduma
	100	200	300	500		
	aeotebu	aeorobu	aeotijibu	aeotimoụer		
13 [12]	5	10	20	30	50	90
ga [gʌ]	agatijimo	agata	agaruma	agatimo	agatima	agaduma
	100	200	300	500		
	agatebu	agarobu	agatijibu	agatimoụer		
14 [24]	5	10	20	30	50	90
ga/gạ [gæ]	agạ tijimo	agạ ta	agạ ruma	agạ timo	agạ tima	agạ duma
	100	200	300	500		

	agạ tebu	agạ robu	agạ tijibu	agạ timoụ̣er		
15 [13]	5	10	20	30	50	90
ime [ime]	aimitijimo	aimeta	aimeruma	aimetimo	aimetima	aimeduma
	100	200	300	500		
	aimetebu	aimerobu	aimetijibu	aimetimoụ̣er		
	5	10	20	30	50	90
16 [38]	ainitijimo	ainita	ainiruma	ainitimo	ainitima	ainiduma
in [jiin]	100	200	300	500		
	ainitebu	ainirobu	ainitijibu	ainitimoụ̣er		
17 [35]	5	10	20	30	50	90
ine/inä [iine]	ainätijimo	ainäta	ainäruma	ainätimo	ainätima	ainäduma
	100	200	300	500		

	ainätebu	ainärobu	ainätijibu	ainätimoo̲er		
18 [14]	5	10	20	30	50	90
ire [ire]	airetijimo	aireta	aireruma	airetimo	airetima	aireduma
	100	200	300	500		
	airetebu	airerobu	airetijibu	airetijimoo̲er		
19 [36]	5	10	20	30	50	90
iw [iw]	aiwitijimo	aiwita	aiwiruma	aiwitima	aiwitima	aiwiduma
	100	200	300	500		
	aiwitebu	aiwirobu	aiwitijibu	aiwitimoo̲er		
	5	10	20	30	50	90
20 [21]	akätijimo	akäta	akäruma	akätimo	akätima	akäduma
ke/kä [ke]	100	200	300	500		

	akätebu	akärobu	akätijibu	akätimou̯er		
21 [4] mae/ma [mʲai]	5	10	20	30	50	90
	amaetijimo	amaeta	amaeruma	amaetimo	amaetima	amaeduma
	100	200	300	500		
	amaetebu	amaerobu	amaetijibu	amaetimou̯er		
22 [25] mage/magä [mʌge]	5	10	20	30	50	90
	amagätijimo	amagäta	amagäruma	amagätimo	amagätima	amagäduma
	100	200	300	500		
	amagätebu	amagärobu	amagätijibu	amagätimou̯er		
23 [22] mwari/mari [mwʌrhi]	5	10	20	30	50	90
	amaritijimo	amarita	amariruma	amaritimo	amaritima	amariduma
	100	200	300	500		

	amaritebu	amarirobu	amaritijibu	amaritimoụer		
24 [26] mwe/muö [mwə]	5	10	20	30	50	90
	amuötijimo	amuöta	amuöruma	amuötimo	amuötima	amuöduma
	100	200	300	500		
	amuötebu	amuörobu	amuötijibu	amuötimoụer		
25 [31] mweiji/ mweiyi/mueiji [mwei3i]	5	10	20	30	50	90
	amueijitimo	amueijita	amueijiruma	amueijitimo	amueijitima	amueijiduma
	100	200	300	500		
	amueijitebu	amueijirobu	amueijitijibu	amueijitimoụer		
26 [27]	5	10	20	30	50	90
	aṅätijimo	aṅäta	aṅäruma	aṅätimo	aṅätima	aṅäduma

nge/ñe/	100	200	300	500		
ngä/ṅä [ŋe]	aṅätebu	aṅärobu	aṅätijibu	aṅätimo̱u̱er		
27 [6]	5	10	20	30	50	90
oe/oä [oʷe]	aoätijimo	aoäta	aoäruma	aoätimo	aoätima	aoäduma
	100	200	300	500		
	aoätebu	aoärobu	aoätijibu	aoätimo̱u̱er		
28 [37]	5	10	20	30	50	90
pañ/pang/	apaṅitijimo	apaṅita	apaṅiruma	apaṅitimo	apaṅitima	apaṅiduma
p̲a̲ṅ [paŋi]	100	200	300	500		
	apaṅitebu	apaṅirobu	apaṅitijibu	apaṅitimo̱u̱er		
29 [30]	5	10	20	30	50	90
	apowitijimo	apowita	apowiruma	apowitimo	apowitima	apowiduma

powi [powi]	100	200	300	500		
	apowitebu	apowirobu	apowitijibu	apowitimo̯u̯er		
30 [3]	5	10	20	30	50	90
ra [rʰæ]	aratijimo	arata	araruma	aratimo	aratima	araduma
	100	200	300	500		
	aratebu	ararobu	aratijibu	aratimo̯u̯er		
31 [28]	5	10	20	30	50	90
re/rä [rre]	arätijimo	aräta	aräruma	arätimo	arätima	aräduma
	100	200	300	500		
	arätebu	arärobu	arätijibu	arätimo̯u̯er		
	5	10	20	30	50	90

32 [29]	atetetijimo	ateteta	ateteruma	atetetimo	atetetima	ateteduma
tete/dete	100	200	300	500		
[rere]	atetetebu	ateterobu	atetetijibu	atetetimoụer		
33 [9]	5	10	20	30	50	90
wa/wa̲ [wa]	awa̲tijimo	awa̲ta	awa̲ruma	awa̲timo	awa̲tima	awa̲duma
	100	200	300	500		
	awa̲tebu	awa̲obu	awa̲tijibu	awa̲timoụer		
34 [33]	5	10	20	30	50	90
wime [wiime]	awimetijimo	awimeta	awimeruma	awimetimo	awimetima	awimeduma
	100	200	300	500		
	awimetebu	awimerobu	awimetijibu	awimetimoụer		

35 [23]	5	10	20	30	50	90
wõri/wori/wö ri [wʌri]	awöritijimo	awörita	awöriruma	awöritimo	awöritima	awöriduma
	100	200	300	500		
	awöritebu	awörirobu	awöritijibu	awöritimoꭒer		
	5	10	20	30	50	90
36 [39]	awüritijimo	awürita	awüriruma	awüritimo	awüritima	awüriduma
wũr/wur/	100	200	300	500		
würi [wɨri]	awüritebu	awürirobu	awüritijibu	awüritimoꭒer		

As said before, where no fused form exists, use is made of the Numeral Particle for the Classifier and the appropriate General Cardinal Numeral.

The numeral particle is formed regularly:

Table 50. Formation of Calssificatory Numeral Particle using Classifier 30[3], 'ra'.

Numeral Prefix	Classifier	Construct Suffix	End Result
a	ra	n	aran

Table 51. Indicative Table of Fused and Non-Fused Forms of Classificatory Cardinal Numeral for Classifier 30{3], 'ra', 1 – 10:

Classificatory Cardinal Numeral for Classifier 30{3], 'ra', 1 – 10									
1	2	3	4	5	6	7	8	9	10
airan	arura	aijira	ara	aratijimeo or aran o aijimeo	aran o aṅo	aran o aeu	aran o auju	aran o ado	arata

Note: The Function Vowel 'o' is optional.

35.2. Classificatory Demonstrative Numeral: Formation and Examples

The Numeral Prefix '*a-*' is dropped when the numeral takes on demonstrative functions.

The Classificatory Demonstrative Numeral Simple Form is derived from the Classificatory Cardinal Numeral (35.1) which can then be combined with all but the *bit-* forms of the prefixes that developed in the General Demonstrative set (i.e. *nga-*, *min-*, *mu-*).

The Function Vowel (Section 27.2) operates in the usual way with these demonstratives.

As mentioned in Section 17, the only divergence with the demonstrative system is that a different set of spatial suffixes is used when the numeral system is incorporated into the demonstrative system. The only exception being with the early fossilized animate numerals from 1 to 4. The 'normal' set is *-ne*, *-na*, *-no*, but demonstrative numerals use a secondary set, *-oe*, *-oa*, -oo. These are at times written with a /w/, i.e. '*-we*', '*-wa*' which is why in this study they are written as a non-syllabic vowel glide+vowel sequence, *-o̯e*, *-o̯a*, *-o̯o or -u̯e, -u̯a, -u̯o*.

The hundreds suffix is spelt '*-uer, -uar*' by Kayser, but as the 1918 Bible spells this suffix as '*-war*', the '*-ue-, -ua-*' has been taken to be a non-syllabic vowel glide+vowel sequence, '*-u̯e- , -u̯a-*'.

The complex system encountered up to the first half of the 20th century has largely gone into disuetude in contemporary Nauruan except for a few oft-used forms which are in use.

The folllowing points should be kept in mind when looking at the following tables:

1. Due to the rare occurrances of the Classificatory Demonstrative Numeral, the orthographic conventions used by Kayser have been kept, i.e.

   ṅ = velar nasal /ŋ/ (otherwise written [ng] or [ñ]

   ụ = central vowel (otherwise written [u] or [ü] or [ũ]

2. The number '7' is spelt 'aeu' in 'Nauru Grammar'; however, it is spelt 'aeiu' in both the 1918 Bible and the 1976 New Testament. Hughes phonemicizes it as [eiju] (Hughes 2020:271).

3. The number ‘8’ is spelt ‘auiju’ in ‘Nauru Grammar’; however, it is spelt ‘aoju’ in the 1918 Bible and ‘aoiyu’ in the 1976 New Testeament. Hughes phonemicizes it as [oⱼu] (Hughes 2020:271).

4. The vowel combination ‘ai-‘ is now usually pronounced /e/, so:

   aikwen *> ekwen*

   aiju *> eⱼu*

   aijimo *> eⱼimjo*

5. The vowel comibation ‘au-, ao-‘ is usually pronounced /o/, so:

   auiju/aoiju *> oⱼu*

6. between vowels, /j/ (which represents the palatal glide) is moving towards a fricated allophone, [ⱼ]:

   aiju *> eⱼu*

   aijimo *> eⱼimʲo*

   aoju *> oⱼu*

The exception is with the numerals ‘7’, ‘*aeiu*’, this is not pronounced with the fricated [ⱼ], Hughes phonemicizes it as [eiju].

7. The number ‘4’, ‘*aeoq, aeoqu-*‘ is phonemicized by Hughes as [æeokʷ] (Hughes 2020:271).

8. In Kayser's Grammar, '5' is invariably written '*ijimeo*' ; Kayser (NG3) descibes this /e/ in '*ijimeo*' as a "fleeting slide vowel". '5' is usually spelt '*aijimo*' and is phonemicized as [eɟimʲo] by Hughes (Hughes 2020:271).

9. The root forms for '2', '5' and '6' end in /o/ so according to Kayser should take the spatial suffixes '*-u̯e*, *-u̯a*,*-u̯o*'; at times they are spelt with the form '*-o̯e*, *-o̯a*, *-o̯o*', but in this study these are taken as mis-spellings (NG41-43, and 62).

10. The vowel sandhi exibited by the numeral root forms and decade marker '*-ma*' and hundred marker '*-wer*' is not understood by this writer.

11. (a) Numeral 1, as with the Animate Demonstrative Numeral (Section 27), the Classificatory Demonstrative Numeral Simple Form for '1' is suppletive and is taken from the Classificatory Demonstrative series.

    (b) Numeral 1, forms with the prefixes *nga-*/ *min-*/ *mu-*, is based on the Classificatory Cardinal Numeral, with spatial suffixes *-ne*/ *-na*/ *-no*

    (c) Numerals 2 upwards are based on the Classificatory Cardinal Numeral ; the low numbers 2-4 are fused forms of numeral + classifier; the higher numbers are fused forms of classifier+ numeral, with the '-o̯e, *-o̯a*, *-o̯o*'/*-u̯e*, *-u̯a*,*-u̯o* spatial suffixes

Table 52. Classificatory Demonstrative Numeral – low numbers (Adapted from Kayser)

Simple form	Emphatic form	NEI form	NEII form	Number
Classifier 1 (16) ae [aʲæ]				
ae -ne/-na/-no	ṅaiae –ne/-na/no	minae –ne/-na/-no	mụae –ne/-na/-no	1
ruae -ọ e/-ọ a/-ọ o	ṅaruae -ọ e/-ọ a/-ọ o	miniruae -ọ e/-ọ a/-ọ o	mụruae -ọ e/-ọ a/-ọ o	2
ijae -ọ e/-ọ a/-ọ o	ṅaijae -ọ e/-ọ a/-ọ o	minijae -ọ e/-ọ a/-ọ o	mụijae -ọ e/-ọ a/-ọ o	3
ae -ọ e/-ọ a/-ọ o	ṅaae -ọ e/-ọ a/-ọ o	minae -ọ e/-ọ a/-ọ o	mụae -ọ e/-ọ a/-ọ o	4
Classifier 2 (17) bańo/bango/bańo [bʌŋo]				
bańo –ne/-na/-no	ṅaibańo –ne/-na/no	minibańo –ne/-na/-no	mụibańo –ne/-na/-no	1
rubańo -ụe/-ụa/-ụo	ṅarubańo -ụe/-ụa/-ụo	minirubańo-ụe/-ụa/-ụo	mụrubańo -ụe/-ụa/-ụo	2
ijibańo -ụe/-ụa/-ụo	ṅaijibańo -ụe/-ụa/-ụo	minijibańo -ụe/-ụa/-ụo	mụijibańo -ụe/-ụa/-ụo	3
abańo -ụe/-ụa/-ụo	ṅabańo -ụe/-ụa/-ụo	minabańo -ụe/-ụa/-ụo	mụabańo -ụe/-ụa/-ụo	4
Classifier 3 (8) be/bä [be]				
bä –ne/-na/-no	ṅaibä -ne/-na/-no	minibä -ne/-na/-no	mụbä -ne/-na/-no	1
rabä -ọ e/-ọ a/-ọ o	ṅarabä -ọ e/-ọ a/-ọ o	minirabä -ọ e/-ọ a/-ọ o	mụrabä -ọ e/-ọ a/-ọ o	2
aijibä -ọ e/-ọ a/-ọ o	ṅaijibä -ọ e/-ọ a/-ọ o	minijibä -ọ e/-ọ a/-ọ o	muijiụbä -ọ e/-ọ a/-ọ o	3
abä -ọ e/-ọ a/-ọ o	ṅabä -ọ e/-ọ a/-ọ o	minibä -ọ e/-ọ a/-ọ o	mụabä –ọ e/-ọ a/-ọ o	4
Classifier 4 (10) bõk/bog/bög [bʲəg]				
böge –ne/-na/-no	ṅaiböge –ne/-na/-no	miniböge –ne/-na/-no	mụböge –ne/-na/-no miböge –ne/-na/-no	1
rabög –ọ e/-ọ a/-ọ o	ṅarabög –ọ e/-ọ a/-ọ o	minirabög –ọ e/-ọ a/-ọ o	mụrabög –ọ e/-ọ a/-ọ o	2
ijibög –ọ e/-ọ a/-ọ o	ṅaijibög -ọ e/-ọ a/-ọ o	minijibög –ọ e/-ọ a/-ọ o	mụijibög –ọ e/-ọ a/-ọ o	3
abög –ọ e/-ọ a/-ọ o	ṅabög -ọ e/-ọ a/-ọ o	minabög –ọ e/-ọ a/-ọ o	mụabög –ọ e/-ọ a/-ọ o	4

Classifier 5 (11) bũm/büm/bum[bɨm]				
bümi –ne/-na/-no	ṅaibümi –ne/-na/-no	minibümi –ne/-na/-no	mụibümi –ne/-na/-no mibümi –ne/-na/-no	1
rabüm –ọ e/-ọ a/-ọ o	ṅarabüm –ọ e/-ọ a/-ọ o	minirabög –ọ e/-ọ a/-ọ o	mụrabüm –ọ e/-ọ a/-ọ o	2
ijibüm –ọ e/-ọ a/-ọ o	ṅaijibüm -ọ e/-ọ a/-ọ o	minijibög –ọ e/-ọ a/-ọ o	mụijibüm –ọ e/-ọ a/-ọ o	3
eabüm –ọ e/-ọ a/-ọ o	ṅaeabüm -ọ e/-ọ a/-ọ o	minabög –ọ e/-ọ a/-ọ o	mụeabüm –ọ e/-ọ a/-ọ o	4
Classifier 6 (32) bwere/buere [bʷere]				
buere -ne/-na/-no	ṅaibuer -ne/-na/-no	minibuer -ne/-na/-no	mụbuere –ne/-na/-no	1
rabuer -ọ e/-ọ a/-ọ o	ṅarabuer -ọ e/-ọ a/-ọ o	minieabuer -ọ e/-ọ a/-ọ o	mụbuere -ọ e/-ọ a/-ọ o	2
ijibuer -ọ e/-ọ a/-ọ o	ṅaijubuer -ọ e/-ọ a/-ọ o	minijubuer -ọ e/-ọ a/-ọ o	mụijubuer -ọ e/-ọ a/-ọ o	3
abuer -ọ e/-ọ a/-ọ o	ṅabuer -ọ e/-ọ a/-ọ o	minabuer -ọ e/-ọ a/-ọ o	mụabuer -ọ e/-ọ a/-ọ o	4
Classifier 7 (19/18) bwetsi/bweti/bueti~ mwetsi/mweti/mueti [bweitˢi~bwei3i/ mweitˢi~mwei3i				
muäti -ne/-na/-no mụä –te/-ta/-to buäti -ne/-na/-no buä -te/-ta/-to	ṅaimuäti -ne/-na/-no ṅaimuä -te/-ta/-to ṅaibuäti -ne/-na/-no ṅaibuä -te/-ta/-to	minimuäti -ne/-na/-no minimuä -te/-ta/-to mimuä -te/-ta/-to minibuäti -ne/-na/-no minibuä -te/-ta/-to mibuä -te/-ta/-to	mụimuäti -ne/-na/-no mụmuä -te/-ta/-to mụibuäti -ne/-na/-no mụbuä -te/-ta/-to	1
ramuäij -ọ e/-ọ a/-ọ o rabuäij -ọ e/-ọ a/-ọ o	ṅaramuäij -ọ e/-ọ a/-ọ o ṅarabuäij -ọ e/-ọ a/-ọ o	miniramuäij -ọ e/-ọ a/-ọ o minirabuäij -ọ e/-ọ a/-ọ o	mụramuäij -ọ e/-ọ a/-ọ o mụrabuäij -ọ e/-ọ a/-ọ o	2
ijumuäij -ọ e/-ọ a/-ọ o ijubuäij -ọ e/-ọ a/-ọ o	ṅaijumuäij -ọ e/-ọ a/-ọ o ṅaijubuäij -ọ e/-ọ a/-ọ o	minijumuäij -ọ e/-ọ a/-ọ o minijubuäij -ọ e/-ọ a/-ọ o	mụijumuäij -ọ e/-ọ a/-ọ o mụijubuäij -ọ e/-ọ a/-ọ o	3
amuäij -ọ e/-ọ a/-ọ o abuäij -ọ e/-ọ a/-ọ o	ṅamuäij -ọ e/-ọ a/-ọ o ṅabuäij -ọ e/-ọ a/-ọ o	minamuäij -ọ e/-ọ a/-ọ o minabuäij -ọ e/-ọ a/-ọ o	mụamuäij -ọ e/-ọ a/-ọ o mụabuäij -ọ e/-ọ a/-ọ o	4

Classifier 8 (34) dume [duume]				
dume -ne/-na/-no	ṅaidume -ne/-na/-no	minidume -ne/-na/-no	midume -ne/-na/-no	1
rodum -ọ e/-ọ a/-ọ o	ṅarodum -ọ e/-ọ a/-ọ o	minirodum -ọ e/-ọ a/-ọ o	mụrodum -ọ e/-ọ a/-ọ o	2
ijidum -ọ e/-ọ a/-ọ o	ṅaijidum -ọ e/-ọ a/-ọ o	minijidum -ọ e/-ọ a/-ọ o	mụijidum -ọ e/-ọ a/-ọ o	3
adum -ọ e/-ọ a/-ọ o	ṅadum -ọ e/-ọ a/-ọ o	minadum -ọ e/-ọ a/-ọ o	mụadum -ọ e/-ọ a/-ọ o	4
Classifier 9 (20) ea [eʲæ]				
ea -ne/-na/-no	ṅaia –ne/-na/no ṅaea –ne/-na/no	minia -ne/-na/-no minea -ne/-na/-no	mụia -ne/-na/-no mụea -ne/-na/-no	1
rua -ọ e/-ọ a/-ọ o	ṅarua -ọ e/-ọ a/-ọ o	minirua -ọ e/-ọ a/-ọ o	mụrua -ọ e/-ọ a/-ọ o	2
ija -ọ e/-ọ a/-ọ o	ṅaija -ọ e/-ọ a/-ọ o	minija -ọ e/-ọ a/-ọ o	mụija -ọ e/-ọ a/-ọ o	3
aea -ọ e/-ọ a/-ọ o	ṅaea -ọ e/-ọ a/-ọ o	minaea -ọ e/-ọ a/-ọ o	mụaea -ọ e/-ọ a/-ọ o	4
Classifier 10 (15) eb/äb [eb]				
ebe -ne/-na/-no	ṅaibe –ne/-na/no	minebe -ne/-na/-no	mụibe -ne/-na/-no	1
reb -ọ e/-ọ a/-ọ o	ṅarab -ọ e/-ọ a/-ọ o	minirab -ọ e/-ọ a/-ọ o	mụrab -ọ e/-ọ a/-ọ o	2
ijeb -ọ e/-ọ a/-ọ o	ṅaijab -ọ e/-ọ a/-ọ o	minijab -ọ e/-ọ a/-ọ o	mụijab -ọ e/-ọ a/-ọ o	3
äb -ọ e/-ọ a/-ọ o	ṅab -ọ e/-ọ a/-ọ o	minab -ọ e/-ọ a/-ọ o	mụab -ọ e/-ọ a/-ọ o	4
Classifier 11 (7) eij/eiyi [eiyi/ei3i]				
eiji -ne/-na/-no	ṅaieiji –ne/-na/no	mineiji -ne/-na/-no	mụeiji -ne/-na/-no	1
reij -ọ e/-ọ a/-ọ o	ṅareij -ọ e/-ọ a/-ọ o	minireij -ọ e/-ọ a/-ọ o	mụreij -ọ e/-ọ a/-ọ o	2
aijeij -ọ e/-ọ a/-ọ o	ṅaijeij -ọ e/-ọ a/-ọ o	mineijeij -ọ e/-ọ a/-ọ o	mụijeij -ọ e/-ọ a/-ọ o	3
aeij -ọ e/-ọ a/-ọ o	ṅaeij -ọ e/-ọ a/-ọ o	mineij -ọ e/-ọ a/-ọ o	mụaeij -ọ e/-ọ a/-ọ o	4
Classifier 12 (5) eo [eʲo]				
o -ne/-na/-no	ṅaeo –ne/-na/no	mineo -ne/-na/-no	mụeo -ne/-na/-no	1
ra -ọ e/-ọ a/-ọ o	ṅara -ọ e/-ọ a/-ọ o	minira -ọ e/-ọ a/-ọ o	mụra -ọ e/-ọ a/-ọ o	2
aija -ọ e/-ọ a/-ọ o	ṅaija -ọ e/-ọ a/-ọ o	minaija -ọ e/-ọ a/-ọ o	mụija -ọ e/-ọ a/-ọ o	3
aea -ọ e/-ọ a/-ọ o	ṅaea -ọ e/-ọ a/-ọ o	minaea -ọ e/-ọ a/-ọ o	mụaea -ọ e/-ọ a/-ọ o	4

Classifier 13 (12) ga [gʌ]				
ga -ne/-na/-no	ṅaiga –ne/-na/no	miniga -ne/-na/-no	mụiga -ne/-na/-no	1
ruga -ọ e/-ọ a/-ọ o	ṅaruga -ọ e/-ọ a/-ọ o	miniruga -ọ e/-ọ a/-ọ o	mụruga -ọ e/-ọ a/-ọ o	2
ijiga -ọ e/-ọ a/-ọ o	ṅaijiga -ọ e/-ọ a/-ọ o	minijiga -ọ e/-ọ a/-ọ o	mụijiga -ọ e/-ọ a/-ọ o	3
aga -ọ e/-ọ a/-ọ o	ṅaga -ọ e/-ọ a/-ọ o	minaga -ọ e/-ọ a/-ọ o	mụaga -ọ e/-ọ a/-ọ o	4
Classifier 14 (24) ga/gạ [gæ]				
gạ -ne/-na/-no	ṅaigạ –ne/-na/no	minigạ -ne/-na/-no	mụigạ -ne/-na/-no	1
rugạ -ọ e/-ọ a/-ọ o	ṅarugạ -ọ e/-ọ a/-ọ o	miniruga -ọ e/-ọ a/-ọ o	mụrugạ -ọ e/-ọ a/-ọ o	2
ijigạ -ọ e/-ọ a/-ọ o	ṅaijigạ -ọ e/-ọ a/-ọ o	minijigạ -ọ e/-ọ a/-ọ o	mụijigạ -ọ e/-ọ a/-ọ o	3
agạ -ọ e/-ọ a/-ọ o	ṅagạ -ọ e/-ọ a/-ọ o	minagạ -ọ e/-ọ a/-ọ o	mụagạ -ọ e/-ọ a/-ọ o	4
Classifier 15 (13) ime [ime]				
ime -ne/-na/-no	ṅaime –ne/-na/no	minime -ne/-na/-no	mụime -ne/-na/-no	1
im -ọ e/-ọ a/-ọ o	ṅarim -ọ e/-ọ a/-ọ o	minirim -ọ e/-ọ a/-ọ o	mụrim -ọ e/-ọ a/-ọ o	2
ijim -ọ e/-ọ a/-ọ o	ṅaijim -ọ e/-ọ a/-ọ o	minijom -ọ e/-ọ a/-ọ o	mụijim -ọ e/-ọ a/-ọ o	3
am -ọ e/-ọ a/-ọ	ṅam -ọ e/-ọ a/-ọo	minam -ọ e/-ọ a/-ọ o	mụam -ọ e/-ọ a/-ọ o	4
Classifier 16 (38) in [ʲiin]				
ni -ne/-na/-no	ṅaini –ne/-na/no	minini -ne/-na/-no	mụini -ne/-na/-no	1
rin -ọ e/-ọ a/-ọ o	ṅarin -ọ e/-ọ a/-ọ o	minirin -ọ e/-ọ a/-ọ o	mụrin -ọ e/-ọ a/-ọ o	2
ijin -ọ e/-ọ a/-ọ o	ṅaijin -ọ e/-ọ a/-ọ o	minijin -ọ e/-ọ a/-ọ o	mụijin -ọ e/-ọ a/-ọ o	3
an -ọ e/-ọ a/-ọ o	ṅan -ọ e/-ọ a/-ọ o	minan -ọ e/-ọ a/-ọ o	mụan -ọ e/-ọ a/-ọ o	4
Classifier 17 (35) ine/inä [iine]				
nä -ne/-na/-no	ṅainä –ne/-na/no	mininä -ne/-na/-no	mụinä -ne/-na/-no	1
rinä -ọ e/-ọ a/-ọ o	ṅarinä -ọ e/-ọ a/-ọ o	miniranä -ọ e/-ọ a/-ọ o	mụrinä -ọ e/-ọ a/-ọ o	2
ijinä -ọ e/-ọ a/-ọ o	ṅaijinä -ọ e/-ọ a/-ọ o	minijinä -ọ e/-ọ a/-ọ o	mụijinä -ọ e/-ọ a/-ọ o	3
anä -ọ e/-ọ a/-ọ o	ṅanä -ọ e/-ọ a/-ọ o	minanä -ọ e/-ọ a/-ọ o	mụanä -ọ e/-ọ a/-ọ o	4

Classifier 18 (14) ire [ire]				
ire -ne/-na/-no	ṅaire –ne/-na/no	minire -ne/-na/-no	mụire -ne/-na/no	1
rure -ọ e/-ọ a/-ọ o	ṅarure -ọ e/-ọ a/-ọ o	minirure -ọ e/-ọ a/-ọ o	mụrure -ọ e/-ọ a/-ọ o	2
ijir -ọ e/-ọ a/-ọ o	ṅaijir -ọ e/-ọ a/-ọ o	minijir -ọ e/-ọ a/-ọ o	mụijir -ọ e/-ọ a/-ọ o	3
ar -ọ e/-ọ a/-ọ o	ṅar -ọ e/-ọ a/-ọ o	minar -ọ e/-ọ a/-ọ o	mụar -ọ e/-ọ a/-ọ o	4
Classifier 19 (36) iw [iw]				
wi –ne/-na/-no	ṅaiwi -ne/-na/-no	miniwi -ne/-na/-no	mụiwi -ne/-na/-no	1
riw -ọ e/-ọ a/-ọ o	ṅariwi -ọ e/-ọ a/-ọ o	miniriw -ọ e/-ọ a/-ọ o	mụriw -ọ e/-ọ a/-ọ o	2
ijiw -ọ e/-ọ a/-ọ o	ṅaijiw -ọ e/-ọ a/-ọ o	minijiw -ọ e/-ọ a/-ọ o	mụijiw -ọ e/-ọ a/-ọ o	3
aw -ọ e/-ọ a/-ọ o	ṅaw -ọ e/-ọ a/-ọ o	minaw -ọ e/-ọ a/-ọ o	mụaw -ọ e/-ọ a/-ọ o	4
Classifier 20 (21) ke/kä [ke]				
kä -ne/-na/-no	ṅaikä –ne/-na/no	minikä -ṇ e/-na/-no	mụikä -ne/-na/-no	1
rukä -ọ e/-ọ a/-ọ o	ṅarukä -ọ e/-ọ a/-ọ o	minirukä -ọ e/-ọ a/-ọ o	mụrukä -ọ e/-ọ a/-ọ o	2
ijikä -ọ e/-ọ a/-ọ o	ṅaijikä -ọ e/-ọ a/-ọ o	minijikä -ọ e/-ọ a/-ọ o	mụijikä -ọ e/-ọ a/-ọ o	3
akä -ọ e/-ọ a/-ọo	ṅakä -ọ e/-ọ a/-ọ o	minakä -ọ e/-ọ a/-ọ o	mụakä -ọ e/-ọ a/-ọ o	4
Classifier 21 (4) mae/ma [mʲai]				
ma -ne/-na/-no	ṅaima –ne/-na/no	minima -ne/-na/-no	mụma -ne/-na/-no	1
ruma -ọ e/-ọ a/-ọ o	ṅaruma -ọ e/-ọ a/-ọ o	miniruma -ọ e/-ọ a/-ọ o	mụruma -ọ e/-ọ a/-ọ o	2
ijima -ọ e/-ọ a/-ọ o	ṅaijima -ọ e/-ọ a/-ọ o	minijima -ọ e/-ọ a/-ọ o	mụijima -ọ e/-ọ a/-ọ o	3
ama -ọ e/-ọ a/-ọ o	ṅama -ọ e/-ọ a/-ọo	minama -ọ e/-ọ a/-ọ o	mụama -ọ e/-ọ a/-ọ o	4
Classifier 22 (25) mage/magä [mʌge]				
magä -ne/-na/-no	ṅaimagä –ne/-na/no	minimagä -ne/-na/-no	mụimagä -ne/-na/-no	1
rumagä -ọ e/-ọ a/-ọ o	ṅarumagä -ọ e/-ọ a/-ọ o	minirumagä -ọ e/-ọ a/-ọ o	mụrumagä -ọ e/-ọ a/-ọ o	2
ijimagä -ọ e/-ọ a/-ọ o	ṅaijimäge -ọ e/-ọ a/-ọ o	minijimagä -ọ e/-ọ a/-ọ o	mụijimagä -ọ e/-ọ a/-ọ o	3
amagä -ọ e/-ọ a/-ọ o	ṅamagä -ọ e/-ọ a/-ọ o	minamagä -ọ e/-ọ a/-ọ o	mụamagä -ọ e/-ọ a/-ọ o	4

Classifier 23 (22) mwari/mari [mʷʌrʰi]				
mari -ne/-na/-no	ṅaimari –ne/-na/no	minimari -ne/-na/-no	mụmari -ne/-na/-no	1
rumari -ọ e/-ọ a/-ọ o	ṅarumari -ọ e/-ọ a/-ọ o	minirumari -ọ e/-ọ a/-ọ o	mụrumari -ọ e/-ọ a/-ọ o	2
ijimari -ọ e/-ọ a/-ọ o	ṅaijimari -ọ e/-ọ a/-ọ o	minijimari -ọ e/-ọ a/-ọ o	mụijimari -ọ e/-ọ a/-ọ o	3
amari -ọ e/-ọ a/-ọ o	ṅamari -ọ e/-ọ a/-ọ o	minamari -ọ e/-ọ a/-ọ o	mụamari -ọ e/-ọ a/-ọ o	4
Classifier 24 (26) mwe/muö [mwə]				
muö -ne/-na/-no	ṅaimuö –ne/-na/no	minimuö -ne/-na/-no	mụimuö ne/-na/-no	1
ram -öe/-öa/-öo	ṅaram -öe/-öa/-öo	miniram -öe/-öa/-öo	mụram -öe/-öa/-öo	2
ijom -öe/-öa/-öo	ṅaijom -öe/-öa/-öo	minijom -öe/-öa/-öo	mụijom -öe/-öa/-öo	3
am -öe/-öa/-öo	ṅam -öe/-öa/-öo	minam -öe/-öa/-öo	mụam -öe/-öa/-öo	4
Classifier 25 (31) mweiyi/mweiji/mueiji [mweiʒi]				
mueiji -ne/-na/-no	ṅaimueiji -ne/-na/-no	minemueiji -ne/-na/-no	mụmueiji -ne/-na/-no	1
rumueij -ọ e/-ọ a/-ọ o	ṅarumueij -ọ e/-ọ a/-ọ o	minerumueij -ọ e/-ọ a/-ọ o	mụrumueij -ọ e/-ọ a/-ọ o	2
ijumueij -ọ e/-ọ a/-ọ o	ṅaijumueij -ọ e/-ọ a/-ọ o	minijumueij -ọ e/-ọ a/-ọ o	mụijumueij -ọ e/-ọ a/-ọ o	3
amueiji -ọ e/-ọ a/-ọ o	ṅamueij -ọ e/-ọ a/-ọ o	minamueij -ọ e/-ọ a/-ọ o	mụamueij -ọ e/-ọ a/-ọ o	4
Classifier 26 (27) ñe/nge/ngä/ṅä [ŋe]				
ṅä -ne/-na/-no	ṅaiṅä -ne/-na/-no	miniṅä -ne/-na/-no	mụiṅä -ne/-na/-no	1
ruaṅä -ọ e/-ọ a/-ọ o	ṅaruaṅä -ọ e/-ọ a/-ọ o	miniruaṅä -ọ e/-ọ a/-ọ o	mụruṅä -ọ e/-ọ a/-ọ o	2
ijaṅä -ọ e/-ọ a/-ọ o	ṅaijaṅä -ọ e/-ọ a/-ọ o	minijaṅä -ọ e/-ọ a/-ọ o	mụijaṅä -ọ e/-ọ a/-ọ o	3
aṅä -ọ e/-ọ a/-ọ o	ṅaṅä -ọ e/-ọ a/-ọ o	minaṅä -ọ e/-ọ a/-ọ o	mụaṅä -ọ e/-ọ a/-ọ o	4
Classifier 27 (6) oe/oä [oʷe]				
oä -ne/-na/-no	ṅaioä –ne/-na/no	minoä -ne/-na/-no	mụoä -ne/-na/-no	1
ruoä -ọ e/-ọ a/-ọ o	ṅaruoä -ọ e/-ọ a/-ọ o	miniruoä -ọ e/-ọ a/-ọ o	mụruoä -ọ e/-ọ a/-ọ o	2
ijoä -ọ e/-ọ a/-ọ o	ṅaijoä -ọ e/-ọ a/-ọ o	minijoä -ọ e/-ọ a/-ọ o	mụijoä -ọ e/-ọ a/-ọ o	3
aoä -ọ e/-ọ a/-ọ o	ṅaoä -ọ e/-ọ a/-ọ o	minaoä -ọ e/-ọ a/-ọ o	mụaoä -ọ e/-ọ a/-ọ o	4

Classifier 28 (37) pañ/pang/pa₌ ṅ [paŋ]				
pańi -ne/-na/-no	ṅaipańi –ne/-na/no	minipańi -ne/-na/-no	mụpańi -ne/-na/-no	1
rupań -ọ e/-ọ a/-ọ o	ṅarupań -ọ e/-ọ a/-ọ o	minirupań -ọ e/-ọ a/-ọ o	mụrupań -ọ e/-ọ a/-ọ o	2
ijipań -ọ e/-ọ a/-ọ o	ṅaijipań -ọ e/-ọ a/-ọ o	minijipań -ọ e/-ọ a/-ọ o	mụijipań -ọ e/-ọ a/-ọ o	3
apań -ọ e/-ọ a/-ọ o	ṅapań -ọ e/-ọ a/-ọ o	minapań -ọ e/-ọ a/-ọ o	mụapań -ọ e/-ọ a/-ọ o	4
Classifier 29 (30) powi [poʷi]				
powi -ne/-na/-no	ṅaipowi –ne/-na/no	minipowi -ne/-na/-no	mụpowi -ne/-na/-no	1
rupowi -ọ e/-ọ a/-ọ o	ṅarupowi -ọ e/-ọ a/-ọ o	minirupowi -ọ e/-ọ a/-ọ o	mụrupowi -ọ e/-ọ a/-ọ o	2
ijipowi -ọ e/-ọ a/-ọ o	ṅaijupowi -ọ e/-ọ a/-ọ o	minijipowi -ọ e/-ọ a/-ọ o	mụijipowi -ọ e/-ọ a/-ọ o	3
apowi -ọ e/-ọ a/-ọ o	ṅapowi -ọ e/-ọ a/-ọ o	minapowi -ọ e/-ọ a/-ọ o	mụapowi -ọ e/-ọ a/-ọ o	4
Classifier 30 (3) ra [rʰæ]				
ra -ne/-na/-no	ṅaira –ne/-na/no	minira -ne/-na/-no	mụira -ne/-na/-no mụra -ne/-na/-no	1
rura -ọ e/-ọ a/-ọ o	ṅarura -ọ e/-ọ a/-ọ o	minirura -ọ e/-ọ a/-ọ o	mụrura -ọ e/-ọ a/-ọ o	2
ijira -ọ e/-ọ a/-ọ o	ṅaijira -ọ e/-ọ a/-ọ o	minijira -ọ e/-ọ a/-ọ o	mụijira -ọ e/-ọ a/-ọ o	3
ara -ọ e/-ọ a/-ọ o	ṅara -ọ e/-ọ a/-ọ o	minara -ọ e/-ọ a/-ọ o	mụara -ọ e/-ọ a/-ọ o	4
Classifier 31 (28) re/rä [rre]				
rä -ne/-na/-no	ṅairä -ne/-na/-no	minirä -ne/-na/-no	mụirä -ne/-na/-no	1
rarä -ọ e/-ọ a/-ọ o	ṅararä -ọ e/-ọ a/-ọ o	minirarä -ọ e/-ọ a/-ọ o	mụrarä -ọ e/-ọ a/-ọ o	2
ijirä -ọ e/-ọ a/-ọ o	ṅaijirä -ọ e/-ọ a/-ọ o	minijirä -ọ e/-ọ a/-ọ o	mụijirä -ọ e/-ọ a/-ọ o	3
arä -ọ e/-ọ a/-ọ o	ṅarä -ọ e/-ọ a/-ọ o	minirä -ọ e/-ọ a/-ọ o	mụarä -ọ e/-ọ a/-ọ o	4
Classifier 32 (29) tete/dete [rere]				
tete -ne/-na/-no	ṅaitete -ne/-na/-no	minitete -ne/-na/-no	mụitete –ne/-na/-no [mụitene –ne/-na/-no?]	1
rueteta -ọ e/-ọ a/-ọ o	ṅarueteta -ọ e/-ọ a/-ọ o	minirueteta -ọ e/-ọ a/-ọ o	mụrueteta -ọ e/-ọ a/-ọ o	2
ijiteta -ọ e/-ọ a/-ọ o	ṅaijiteta -ọ e/-ọ a/-ọ o	minijiteta -ọ e/-ọ a/-ọ o	mụijiteta -ọ e/-ọ a/-ọ o	3
ateta -ọ e/-ọ a/-ọ o	ṅateta -ọ e/-ọ a/-ọ o	minateta -ọ e/-ọ a/-ọ o	mụateta -ọ e/-ọ a/-ọ o	4

Classifier 33 (9) wa/wa̲[wa]				
wa̲ -ne/-na/-no	ṅaiwa̲ –ne/-na/no	miniwa̲ -ne/-na/-no	mụiwa̲ -ne/-na/-no	1
ruwa̲ -ọ e/-ọ a/-ọ o	ṅaruwa̲ -ọ e/-ọ a/-ọ o	miniruwa̲ -ọ e/-ọ a/-ọ o	mụruwa̲ -ọ e/-ọ a/-ọ o	2
ijiwa̲ -ọ e/-ọ a/-ọ o	ṅaijiwa̲ -ọ e/-ọ a/-ọ o	minijiwa̲-ọ e/-ọ a/-ọ o	mụijiwa̲ -ọ e/-ọ a/-ọ o	3
awa̲ -ọ e/-ọ a/-ọ o	ṅawa̲ -ọ e/-ọ a/-ọ o	minawa̲ -ọ e/-ọ a/-ọ o	mụawa̲ -ọ e/-ọ a/-ọ o	4
Classifier 34 (33) wime [wiime]				
wime -ne/-na/-no	ṅaiwime -ne/-na/-no	miniwime -ne/-na/-no	mụiwime -ne/-na/-no	1
rowim -ọ e/-ọ a/-ọ o	ṅarowim -ọ e/-ọ a/-ọ o	minirowim -ọ e/-ọ a/-ọ o	mụrowim -ọ e/-ọ a/-ọ o	2
ijuwim -ọ e/-ọ a/-ọ o	ṅaijuwim -ọ e/-ọ a/-ọ o	minijuwim -ọ e/-ọ a/-ọ o	mụijuwim -ọ e/-ọ a/-ọ o	3
awim -ọ e/-ọ a/-ọ o	ṅawim -ọ e/-ọ a/-ọ o	minawim -ọ e/-ọ a/-ọ o	mawim -ọ e/-ọ a/-ọ o	4
Classifier 35 (23) wõri/wori/wöri [wʌri]				
wöri -ne/-na/-no	ṅaiwöri –ne/-na/no	miniwöri -ne/-na/-no	mụwöri -ne/-na/-no	1
ruwöri -ọ e/-ọ a/-ọ o	ṅarowöri -ọ e/-ọ a/-ọ o	miniruwöri -ọ e/-ọ a/-ọ o	mụruwöri -ọ e/-ọ a/-ọ o	2
ijuwöri -ọ e/-ọ a/-ọ o	ṅaijuwöri -ọ e/-ọ a/-ọ o	minijuwöri -ọ e/-ọ a/-ọ o	mụijuwöri -ọ e/-ọ a/-ọ o	3
awöri -ọ e/-ọ a/-ọ o	ṅawöri -ọ e/-ọ a/-ọ o	minawöri -ọ e/-ọ a/-ọ o	mụawöri -ọ e/-ọ a/-ọ o	4
Classifier 36 (39) wũr/wur/wür [wɨr]				
würi -ne/-na/-no	ṅaiwüri –ne/-na/no	miniwüri -ne/-na/-no	mụwüri -ne/-na/-no	1
rowür -ọ e/-ọ a/-ọ o	ṅarowür -ọ e/-ọ a/-ọ o	minerowür -ọ e/-ọ a/-ọ o	mụrowür -ọ e/-ọ a/-ọ o	2
ijuwür -ọ e/-ọ a/-ọ o	ṅaijuwür -ọ e/-ọ a/-ọ o	minijuwür -ọ e/-ọ a/-ọ o	mụijuwür -ọ e/-ọ a/-ọ o	3
awür -ọ e/-ọ a/-ọ o	ṅawür -ọ e/-ọ a/-ọ o	minawür -ọ e/-ọ a/-ọ o	mụawür -ọ e/-ọ a/-ọ o	4

Table 53. Classificatory Demonstrative Numeral - high numbers (adapted from Kayser)

Simple form	Emphatic form	NEI form	NEII form	Number
Classifier 1 (16) ae [ajæ]				
aetijimo -ụe/-ụa/-ụo	ṅaetijimo -ụe/-ụa/-ụo	minaetijimo -ụe/-ụa/-ụo	mụaetijimo -ụe/-ụa/-ụo	5
aeta -ọ e/-ọ a/-ọ o	ṅaeta -ọ e/-ọ a/-ọ o	minaeta -ọ e/-ọ a/-ọ o	mụaeta -ọ e/-ọ a/-ọ o	10
aerumae -ọ e/-ọ a/-ọ o	ṅaerumae -ọ e/-ọ a/-ọ o	minaerumae -ọ e/-ọ a/-ọ o	mụaerumae -ọ e/-ọ a/-ọ o	20
aetimoe -ọ e/-ọ a/-ọ o	ṅaetimoe -ọ e/-ọ a/-ọ o	minaetimoe -ọ e/-ọ a/-ọ o	mụaetimoe -ọ e/-ọ a/-ọ o	30
aetimae -ọ e/-ọ a/-ọ o	ṅaetimae -ọ e/-ọ a/-ọ o	minaetimae -ọ e/-ọ a/-ọ o	mụaetimae -ọ e/-ọ a/-ọ o	50
aedumae -ọ e/-ọ a/-ọ o	ṅaedumae -ọ e/-ọ a/-ọ o	minaedumae -ọ e/-ọ a/-ọ o	mụaedumae -ọ e/-ọ a/-ọ o	90
aetebui -ụ e/-ụ a/-ụ o	ṅaetebui -ụ e/-ụ a/-ụ o	minaetebui -ụ e/-ụ a/-ụ o	mụaetebui -ụ e/-ụ a/-ụ o	100
aerobui -ụ e/-ụ a/-ụ o	ṅaerobui -ụ e/-ụ a/-ụ o	minaerobui -ụ e/-ụ a/-ụ o	mụaerobui -ụ e/-ụ a/-ụ o	200
aetijubui -ụ e/-ụ a/-ụ o	ṅaetijubui -ụ e/-ụ a/-ụ o	minaetijubui -ụ e/-ụ a/-ụ o	mụaetijubui -ụ e/-ụ a/-ụ o	300
aetijimouer -ọ e/-ọ a/-ọ o aetimouer -ọ e/-ọ a/-ọ o	ṅaetijimouer -ọ e/-ọ a/-ọ o ṅaetimouer -ọ e/-ọ a/-ọ o	minaetijimouer -ọ e/-ọ a/-ọ o minaetimouer -ọ e/-ọ a/-ọ o	mụaetijimouer -ọ e/-ọ a/-ọ o mụaetimouer -ọ e/-ọ a/-ọ o	500
Classifier 2 (17) baño/bango/baṅo [bʌŋo]				
baṅotijimo -ụe/-ụa/-ụo	ṅabaṅotijimo -ụe/-ụa/-ụo	minibaṅotijimo -ụe/-ụa/-ụo	mụbaṅotijimo -ụe/-ụa/-ụo	5
baṅota -ọ e/-ọ a/-ọ o	ṅabaṅota -ọ e/-ọ a/-ọ o	minibaṅota -ọ e/-ọ a/-ọ o	mụbaṅota -ọ e/-ọ a/-ọ o	10
baṅorumae -ọ e/-ọ a/-ọ o	ṅabaṅorumae -ọ e/-ọ a/-ọ o	minibaṅorumae -ọ e/-ọ a/-ọ o	mụbaṅorumae -ọ e/-ọ a/-ọ o	20
baṅotimoe -ọ e/-ọ a/-ọ o	ṅabaṅotimoe -ọ e/-ọ a/-ọ o	minibaṅotimoe -ọ e/-ọ a/-ọ o	mụbaṅotimoe -ọ e/-ọ a/-ọ o	30
baṅotimae -ọ e/-ọ a/-ọ o	ṅabaṅotimae -ọ e/-ọ a/-ọ o	minibaṅotimae -ọ e/-ọ a/-ọ o	mụbaṅotimae -ọ e/-ọ a/-ọ o	50
baṅodumae -ọ e/-ọ a/-ọ o	ṅabaṅodumae -ọ e/-ọ a/-ọ o	minibaṅodumae -ọ e/-ọ a/-ọ o	mụbaṅodumae -ọ e/-ọ a/-ọ o	90
baṅotebui -ụ e/-ụ a/-ụ o	ṅabaṅotebui -ụ e/-ụ a/-ụ o	minibaṅotebui -ụ e/-ụ a/-ụ o	mụbaṅotebui -ụ e/-ụ a/-ụ o	100
baṅorobui -ụ e/-ụ a/-ụ o	ṅabaṅorobui -ụ e/-ụ a/-ụ o	minibaṅorobui -ụ e/-ụ a/-ụ o	mụbaṅorobui -ụ e/-ụ a/-ụ o	200
baṅotijubui -ụ e/-ụ a/-ụ o	ṅabaṅotijubui -ụ e/-ụ a/-ụ o	minibaṅotijubui -ụ e/-ụ a/-ụ o	mụbaṅotijubui -ụ e/-ụ a/-ụ o	300

bańotijimouer -ọ e/-ọ a/-ọ o bańotimouer -ọ e/-ọ a/-ọ o	ṅabańotijimouer -ọ e/-ọ a/-ọ o ṅabańotimouer -ọ e/-ọ a/-ọ o	minibańotijimouer -ọ e/-ọ a/-ọ o minibańotimouer -ọ e/-ọ a/-ọ o	mụbańotijimouer -ọ e/-ọ a/-ọ o mụbańotimouer -ọ e/-ọ a/-ọ o	500
Classifier 3 (8) be/bä [be]				
bätijimo -ụe/-ụa/-ụo	ṅabätijimo -ụe/-ụa/-ụo	minibätijimo -ụe/-ụa/-ụo	mụbätijimo -ụe/-ụa/-ụo	5
bäta -ọ e/-ọ a/-ọ o	ṅabäta -ọ e/-ọ a/-ọ o	minibäta -ọ e/-ọ a/-ọ o	mụbäta -ọ e/-ọ a/-ọ o	10
bärumae -ọ e/-ọ a/-ọ o	ṅabärumae -ọ e/-ọ a/-ọ o	minibärumae -ọ e/-ọ a/-ọ o	mụbärumae -ọ e/-ọ a/-ọ o	20
bätimoe -ọ e/-ọ a/-ọ o	ṅabätimoe -ọ e/-ọ a/-ọ o	minibätimoe -ọ e/-ọ a/-ọ o	mụbätimoe -ọ e/-ọ a/-ọ o	30
bätimae -ọ e/-ọ a/-ọ o	ṅabätimae -ọ e/-ọ a/-ọ o	minibätimae -ọ e/-ọ a/-ọ o	mụbätimae -ọ e/-ọ a/-ọ o	50
bädumae -ọ e/-ọ a/-ọ o	ṅabädumae -ọ e/-ọ a/-ọ o	minibädumae -ọ e/-ọ a/-ọ o	mụbädumae -ọ e/-ọ a/-ọ o	90
bätebui -ụ e/-ụ a/-ụ o	ṅabätebui -ụ e/-ụ a/-ụ o	minibätebui -ụ e/-ụ a/-ụ o	mụbätebui -ụ e/-ụ a/-ụ o	100
bärobui -ụ e/-ụ a/-ụ o	ṅabärobui -ụ e/-ụ a/-ụ o	minibärobui -ụ e/-ụ a/-ụ o	mụbärobui -ụ e/-ụ a/-ụ o	200
bätijubui -ụ e/-ụ a/-ụ o	ṅabätijubu -ụ e/-ụ a/-ụ o	minibätijubui -ụ e/-ụ a/-ụ o	mụbätijubui -ụ e/-ụ a/-ụ o	300
bätijimouer -ọ e/-ọ a/-ọ o bätimouer -ọ e/-ọ a/-ọ o	ṅabätijimouer -ọ e/-ọ a/-ọ o ṅabätimouer -ọ e/-ọ a/-ọ o	minibätijimouer -ọ e/-ọ a/-ọ o minibätimouer -ọ e/-ọ a/-ọ o	mụbätijimouer -ọ e/-ọ a/-ọ o mụbätimouer -ọ e/-ọ a/-ọ o	500
Classifier 4 (10) bõk/bog/bög [bi̯əg]				
bögetijimo -ụe/-ụa/-ụo	ṅabögetijimo -ụe/-ụa/-ụo	minibögetijimo –ọ e/-ọ a/-ọ o	mụbögetijimo-ụe/-ụa/-ụo	5
bögeta –ọ e/-ọ a/-ọ o	ṅabögeta –ọ e/-ọ a/-ọ o	minibögeta –ọ e/-ọ a/-ọ o	mụbögeta –ọ e/-ọ a/-ọ o	10
bögerumae –ọ e/-ọ a/-ọ o	ṅabögerumae –ọ e/-ọ a/-ọ o	minibögerumae –ọ e/-ọ a/-ọ o	mụbögerumae –ọ e/-ọ a/-ọ o	20
bögetimoe –ọ e/-ọ a/-ọ o	ṅabögetimoe –ọ e/-ọ a/-ọ o	minibögetimoe –ọ e/-ọ a/-ọ o	mụbögetimoe –ọ e/-ọ a/-ọ o	30
bögetimae –ọ e/-ọ a/-ọ o	ṅabögetimae –ọ e/-ọ a/-ọ o	minibögetimae –ọ e/-ọ a/-ọ o	mụbögetimae –ọ e/-ọ a/-ọ o	50
bögedumae –ọ e/-ọ a/-ọ o	ṅabögedumae –ọ e/-ọ a/-ọ o	minibögedumae –ọ e/-ọ a/-ọ o	mụbögedumae –ọ e/-ọ a/-ọ o	90
bögetebui -ụ e/-ụ a/-ụ o	ṅabögetebui -ụ e/-ụ a/-ụ o	minibögetebui -ụ e/-ụ a/-ụ o	mụbögetebui -ụ e/-ụ a/-ụ o	100
bögerobui -ụ e/-ụ a/-ụ o	ṅabögerobui -ụ e/-ụ a/-ụ o	minibögerobui -ụ e/-ụ a/-ụ o	mụbögerobui -ụ e/-ụ a/-ụ o	200
bögetijubui -ụ e/-ụ a/-ụ o	ṅabögetijubui -ụ e/-ụ a/-ụ o	minibögetijubui -ụ e/-ụ a/-ụ o	mụbögetijubui -ụ e/-ụ a/-ụ o	300
bögetijimouer –ọ e/-ọ a/-ọ o bögetimouer –ọ e/-ọ a/-ọ o	ṅabögetijimouer –ọ e/-ọ a/-ọ o ṅabögetimouer –ọ e/-ọ a/-ọ o	minibögetijimouer –ọ e/-ọ a/-ọ o minibögetimouer –ọ e/-ọ a/-ọ o	mụbögetijimouer –ọ e/-ọ a/-ọ o mụbögetimouer –ọ e/-ọ a/-ọ o	500
Classifier 5 (11) bũm/bum/büm [bɨm]				
bümitijimo -ụe/-ụa/-ụo	ṅabümitijimo-ụe/-ụa/-ụo	minibümitijimo -ụe/-ụa/-ụo	mụbümitijimo -ụe/-ụa/-ụo	5
bümita –ọ e/-ọ a/-ọ o	ṅabümita–ọ e/-ọ a/-ọ o	minibümita –ọ e/-ọ a/-ọ o	mụbümita –ọ e/-ọ a/-ọ o	10

bümirumae –ọ e/-ọ a/-ọ o	ṅabümirumae –ọ e/-ọ a/-ọ o	minibümirumae –ọ e/-ọ a/-ọ o	mụbümirumae –ọ e/-ọ a/-ọ o	20
bümitimoe –ọ e/-ọ a/-ọ o	ṅabümitimoe –ọ e/-ọ a/-ọ o	minibümitimoe –ọ e/-ọ a/-ọ o	mụbümitimoe –ọ e/-ọ a/-ọ o	30
bümitimae –ọ e/-ọ a/-ọ o	ṅabümitimae –ọ e/-ọ a/-ọ o	minibümitimoe –ọ e/-ọ a/-ọ o	mụbümitimae –ọ e/-ọ a/-ọ o	50
bümidumae –ọ e/-ọ a/-ọ o	ṅabümidumae –ọ e/-ọ a/-ọ o	minibümidumae –ọ e/-ọ a/-ọ o	mụbümidumae –ọ e/-ọ a/-ọ o	90
bümitebui -ụ e/-ụ a/-ụ o	ṅabümitebui -ụ e/-ụ a/-ụ o	minibümitebui -ụ e/-ụ a/-ụ o	mụbümitebui -ụ e/-ụ a/-ụ o	100
bümirobui -ụ e/-ụ a/-ụ o	ṅabümirobui -ụ e/-ụ a/-ụ o	minibümirobui -ụ e/-ụ a/-ụ o	mụbümirobui -ụ e/-ụ a/-ụ o	200
bümitijubui -ụ e/-ụ a/-ụ o	ṅabümitijubui -ụ e/-ụ a/-ụ o	minibümitijubui -ụ e/-ụ a/-ụ o	mụbümitijubui -ụ e/-ụ a/-ụ o	300
bümitijimouer –ọ e/-ọ a/-ọ o bümitimouer –ọ e/-ọ a/-ọ o	ṅabümitijimouer –ọ e/-ọ a/-ọ o ṅabümitimouer –ọ e/-ọ a/-ọ o	minibümitijimouer –ọ e/-ọ a/-ọ o minibümitimouer –ọ e/-ọ a/-ọ o	mụbümitijimouer –ọ e/-ọ a/-ọ o mụbümitimouer –ọ e/-ọ a/-ọ o	500
Classifier 6 (32) bwere/buere [bʷere]				
bueretijimo -ụe/-ụa/-ụo	ṅabueretijimo -ụe/-ụa/-ụo	minibueretijimo -ụe/-ụa/-ụo	mụbueretijimo -ụe/-ụa/-ụo	5
buereta -ọ e/-ọ a/-ọ o	ṅabuereta -ọ e/-ọ a/-ọ o	minibuereta -ọ e/-ọ a/-ọ o	mụbuereta -ọ e/-ọ a/-ọ o	10
buererumae -ọ e/-ọ a/-ọ o	ṅabuererumae -ọ e/-ọ a/-ọ o	minibuererumae -ọ e/-ọ a/-ọ o	mụbuererumae -ọ e/-ọ a/-ọ o	20
bueretimoe -ọ e/-ọ a/-ọ o	ṅabueretimoe -ọ e/-ọ a/-ọ o	minibueretimoe -ọ e/-ọ a/-ọ o	mụbueretimoe -ọ e/-ọ a/-ọ o	30
bueretimae -ọ e/-ọ a/-ọ o	ṅabueretimae -ọ e/-ọ a/-ọ o	minibueretimae -ọ e/-ọ a/-ọ o	mụbueretimae -ọ e/-ọ a/-ọ o	50
bueredumae -ọ e/-ọ a/-ọ o	ṅabueredumae -ọ e/-ọ a/-ọ o	minibueredumae -ọ e/-ọ a/-ọ o	mụbueredumae -ọ e/-ọ a/-ọ o	90
bueretebui -ụ e/-ụ a/-ụ o	ṅabueretebui -ụ e/-ụ a/-ụ o	minibueretebui -ụ e/-ụ a/-ụ o	mụbueretebui -ụ e/-ụ a/-ụ o	100
buererobui -ụ e/-ụ a/-ụ o	ṅabuererobui -ụ e/-ụ a/-ụ o	minibuererobui -ụ e/-ụ a/-ụ o	mụbuererobui -ụ e/-ụ a/-ụ o	200
bueretijubui -ụ e/-ụ a/-ụ o	ṅabueretijubui -ụ e/-ụ a/-ụ o	minibueretijubui -ụ e/-ụ a/-ụ o	mụbueretijubui -ụ e/-ụ a/-ụ o	300
bueretijimouer -ọe/-ọa/-ọo bueretimouer -ọe/-ọa/-ọo	ṅabueretijimouer -ọ e/-ọ a/-ọ o ṅabueretimouer -ọ e/-ọ a/-ọ o	minibueretijimouer -ọ e/-ọ a/-ọ o minibueretimouer -ọ e/-ọ a/-ọ o	mụbueretijimouer -ọ e/-ọ a/-ọ o mụbueretimouer -ọ e/-ọ a/-ọ o	500
Classifier 7 (19/18) bwetsi/bweti/bueti~ mwetsi/mweti/mueti [bweitˢi~bweiʒi/ mweitˢi~mweiʒi]				
muätitijimo -ụe/-ụa/-ụo buätitijimo-ụe/-ụa/-ụo	ṅamuätitijimo -ụe/-ụa/-ụo ṅabuätitijimo -ụe/-ụa/-ụo	minimuätitijimo -ụe/-ụa/-ụo minibuätitijimo -ụe/-ụa/-ụo	mụmuätitijimo -ụe/-ụa/-ụo mụbuätitijimo -ụe/-ụa/-ụo	5
muätita -ọ e/-ọ a/-ọ o buätita -ọ e/-ọ a/-ọ o	ṅamuätita -ọ e/-ọ a/-ọ o ṅabuätita -ọ e/-ọ a/-ọ o	minimuätita -ọ e/-ọ a/-ọ o minibuätita -ọ e/-ọ a/-ọ o	mụmuätita -ọ e/-ọ a/-ọ o mụbuätita -ọ e/-ọ a/-ọ o	10

muätitirumae -ọ e/-ọ a/-ọ o buätitirumae -ọ e/-ọ a/-ọ o	ṅamuätitirumae -ọ e/-ọ a/-ọ o ṅabuätitirumae -ọ e/-ọ a/-ọ o	minimuätitirumae -ọ e/-ọ a/-ọ o minibuätitirumae -ọ e/-ọ a/-ọ o	mụmuätitirumae-ọ e/-ọ a/-ọ o mụbuätitirumae-ọ e/-ọ a/-ọ o	20
muätitimoe -ọ e/-ọ a/-ọ o buätitimoe -ọ e/-ọ a/-ọ o	ṅamuätitimoe -ọ e/-ọ a/-ọ o ṅabuätitimoe -ọ e/-ọ a/-ọ o	minimuätitimoe -ọ e/-ọ a/-ọ o minimuätitimoe -ọ e/-ọ a/-ọ o	mụamuätitimoe -ọ e/-ọ a/-ọ o mụamuätitimoe -ọ e/-ọ a/-ọ o	30
muätitimae -ọ e/-ọ a/-ọ o buätitimae -ọ e/-ọ a/-ọ o	ṅamuätitimae -ọ e/-ọ a/-ọ o ṅabuätitimae -ọ e/-ọ a/-ọ o	minimuätitimae -ọ e/-ọ a/-ọ o minimuätitimae -ọ e/-ọ a/-ọ o	mụmuätitimae -ọ e/-ọ a/-ọ o mụmuätitimae -ọ e/-ọ a/-ọ o	50
muätitidumae -ọ e/-ọ a/-ọ o buätitidumae -ọ e/-ọ a/-ọ o	ṅamuätitidumae -ọ e/-ọ a/-ọ o ṅabuätitidumae -ọ e/-ọ a/-ọ o	minimuätitidumae -ọ e/-ọ a/-ọ o minimuätitidumae -ọ e/-ọ a/-ọ o	mụmuätitidumae -ọ e/-ọ a/-ọ o mụmuätitidumae -ọ e/-ọ a/-ọ o	90
muätitebui -ụ e/-ụ a/-ụ o buätitebui -ụ e/-ụ a/-ụ o	ṅamuätitebuie -ụ e/-ụ a/-ụ o ṅabuätitebuie -ụ e/-ụ a/-ụ o	minimuätitebui -ụ e/-ụ a/-ụ o minibuätitebui -ụ e/-ụ a/-ụ o	mụmuätitebui -ụ e/-ụ a/-ụ o mụmuätitebui -ụ e/-ụ a/-ụ o	100
muätitirobui -ụ e/-ụ a/-ụ o buätitirobui -ụ e/-ụ a/-ụ o	ṅamuätitirobui -ụ e/-ụ a/-ụ o ṅabuätittirobui -ụ e/-ụ a/-ụ o	minimuätitirobui -ụ e/-ụ a/-ụ o minibuätitirobui -ụ e/-ụ a/-ụ o	mụmuätitirobui -ụ e/-ụ a/-ụ o mụbuätitirobui -ụ e/-ụ a/-ụ o	200
muätitijubui -ụ e/-ụ a/-ụ o buätitijubui -ụ e/-ụ a/-ụ o	ṅamuätitijubui -ụ e/-ụ a/-ụ o ṅabuätitijubui -ụ e/-ụ a/-ụ o	minimuätitijubui -ụ e/-ụ a/-ụ o minibuätittijubui -ụ e/-ụ a/-ụ o	mụmuätitijubui -ụ e/-ụ a/-ụ o mụbuätitijubui -ụ e/-ụ a/-ụ o	300
muätitijimouer -ọ e/-ọ a/-ọ o buätitijimouer -ọ e/-ọ a/-ọ o muätitimouer -ọ e/-ọ a/-ọ o buätitimouer -ọ e/-ọ a/-ọ o	ṅabuätitijimouer -ọ e/-ọ a/-ọ o ṅabuätitijimouer -ọ e/-ọ a/-ọ o ṅabuätitimouer -ọ e/-ọ a/-ọ o ṅabuätitimouer -ọ e/-ọ a/-ọ o	minimuätitijimouer -ọ e/-ọ a/-ọ o minibuätittijimouer -ọ e/-ọ a/-ọ o minimuätitimouer -ọ e/-ọ a/-ọ o minibuätittimouer -ọ e/-ọ a/-ọ o	mụmuätitijimouer -ọ e/-ọ a/-ọ o mụmuätitijimouer -ọ e/-ọ a/-ọ o mụmuätitimouer -ọ e/-ọ a/-ọ o mụmuätitimouer -ọ e/-ọ a/-ọ o	500
Classifier 8 (34) dume [duume]				
dumetijimo -ụe/-ụa/-ụo	ṅadumetijimo -ụe/-ụa/-ụo	minidumetijimo -ụe/-ụa/-ụo	mụdumetijimo -ụe/-ụa/-ụo	5
dumeta -ọ e/-ọ a/-ọ o	ṅadumeta -ọ e/-ọ a/-ọ o	minidumeta -ọ e/-ọ a/-ọ o	mụdumeta -ọ e/-ọ a/-ọ o	10
dumerumae -ọ e/-ọ a/-ọ o	ṅadumerumae -ọ e/-ọ a/-ọ o	minidumerumae -ọ e/-ọ a/-ọ o	mụdumerumae -ọ e/-ọ a/-ọ o	20
dumetimoe -ọ e/-ọ a/-ọ o	ṅadumetimoe -ọ e/-ọ a/-ọ o	minidumetimoe -ọ e/-ọ a/-ọ o	mụdumetimoe -ọ e/-ọ a/-ọ o	30
dumetamoe -ọ e/-ọ a/-ọ o	ṅadumetimae -ọ e/-ọ a/-ọ o	minidumetimae -ọ e/-ọ a/-ọ o	mụdumetimae -ọ e/-ọ a/-ọ o	50
dumedumae -ọ e/-ọ a/-ọ o	ṅadumedumae -ọ e/-ọ a/-ọ o	minidumedumae -ọ e/-ọ a/-ọ o	mụdumedumae -ọ e/-ọ a/-ọ o	90
dumetebui -ụ e/-ụ a/-ụ o	ṅadumetebui -ụ e/-ụ a/-ụ o	minidumetebui -ụ e/-ụ a/-ụ o	mụdumetebui -ụ e/-ụ a/-ụ o	100
dumerobui -ụ e/-ụ a/-ụ o	ṅadumerobui -ụ e/-ụ a/-ụ o	minidumerobui -ụ e/-ụ a/-ụ o	mụdumerobui -ụ e/-ụ a/-ụ o	200
dumetijibui -ụ e/-ụ a/-ụ o	ṅadumetijubui -ụ e/-ụ a/-ụ o	minidumetijubui -ụ e/-ụ a/-ụ o	mụdumetijubui -ụ e/-ụ a/-ụ o	300
dumetijimouer -ọ e/-ọ a/-ọ o dumetimouer -ọ e/-ọ a/-ọ o	ṅadumetijimouer -ọ e/-ọ a/-ọ o ṅadumetimouer -ọ e/-ọ a/-ọ o	minidumetijimouer -ọ e/-ọ a/-ọ o minidumetimouer -ọ e/-ọ a/-ọ o	mụdumetijimouer -ọ e/-ọ a/-ọ o mụdumetimouer -ọ e/-ọ a/-ọ o	500

Classifier 9 (20) ea [eɟæ]				
eatijimo -ụe/-ụa/-ụo	ṅaeatijimo -ụe/-ụa/-ụo	mineatijimo -ụe/-ụa/-ụo	mụeatijimo -ụe/-ụa/-ụo	5
eata -ọ e/-ọ a/-ọ o	ṅaeata -ọ e/-ọ a/-ọ o	mineata -ọ e/-ọ a/-ọ o	mụeata -ọ e/-ọ a/-ọ o	10
earumae -ọ e/-ọ a/-ọ o	ṅaearumae -ọ e/-ọ a/-ọ o	minearumae -ọ e/-ọ a/-ọ o	mụearumae -ọ e/-ọ a/-ọ o	20
eatimoe -ọ e/-ọ a/-ọ o	ṅaeatimoe -ọ e/-ọ a/-ọ o	mineatimoe -ọ e/-ọ a/-ọ o	mụeatimoe -ọ e/-ọ a/-ọ o	30
eatimae -ọ e/-ọ a/-ọ o	ṅaeatimae -ọ e/-ọ a/-ọ o	mineatimae -ọ e/-ọ a/-ọ o	mụeatimae -ọ e/-ọ a/-ọ o	50
eadumae -ọ e/-ọ a/-ọ o	ṅaeadumae -ọ e/-ọ a/-ọ o	mineadumae -ọ e/-ọ a/-ọ o	mụeadumae -ọ e/-ọ a/-ọ o	90
eatebui -ụ e/-ụ a/-ụ o	ṅaeatebui -ụ e/-ụ a/-ụ o	mineatebui -ụ e/-ụ a/-ụ o	mụeatebui -ụ e/-ụ a/-ụ o	100
earobui -ụ e/-ụ a/-ụ o	ṅaearobui -ụ e/-ụ a/-ụ o	minearobui -ụ e/-ụ a/-ụ o	mụearobui -ụ e/-ụ a/-ụ o	200
eatijubui -ụ e/-ụ a/-ụ o	ṅaeatijubui -ụ e/-ụ a/-ụ o	mineatijubui -ụ e/-ụ a/-ụ o	mụeatijubui -ụ e/-ụ a/-ụ o	300
eatijimouer -ọ e/-ọ a/-ọ o eatimouer -ọ e/-ọ a/-ọ o	ṅaeatijimouer -ọ e/-ọ a/-ọ o ṅaeatimouer -ọ e/-ọ a/-ọ o	mineatijimouer -ọ e/-ọ a/-ọ o mineatimouer -ọ e/-ọ a/-ọ o	mụeatijimouer -ọ e/-ọ a/-ọ o mụeatimouer -ọ e/-ọ a/-ọ o	500
Classifier 10 (15) eb/äb [eb]				
betijime -ụe/-ụa/-ụo	ṅabetijime -ụe/-ụa/-ụo	minibetijime -ụe/-ụa/-ụo	mụbetijime -ụe/-ụa/-ụo	5
beta -ọ e/-ọ a/-ọ o	ṅabeta -ọ e/-ọ a/-ọ o	minibeta -ọ e/-ọ a/-ọ o	mụbeat -ọ e/-ọ a/-ọ o	10
berumae -ọ e/-ọ a/-ọ o	ṅaberumae -ọ e/-ọ a/-ọ o	miniberumae -ọ e/-ọ a/-ọ o	mụberumae -ọ e/-ọ a/-ọ o	20
betimoe -ọ e/-ọ a/-ọ o	ṅabetimoe -ọ e/-ọ a/-ọ o	minibetimoe -ọ e/-ọ a/-ọ o	mụbetimoe -ọ e/-ọ a/-ọ o	30
betimae -ọ e/-ọ a/-ọ o	ṅabetimae -ọ e/-ọ a/-ọ o	minibetimae -ọ e/-ọ a/-ọ o	mụbetimae -ọ e/-ọ a/-ọ o	50
bedumae -ọ e/-ọ a/-ọ o	ṅabedumae -ọ e/-ọ a/-ọ o	minibedumae -ọ e/-ọ a/-ọ o	mụbedumae -ọ e/-ọ a/-ọ o	90
betebui -ụ e/-ụ a/-ụ o	ṅabetebui -ụ e/-ụ a/-ụ o	minibetebui -ụ e/-ụ a/-ụ o	mụbetebui -ụ e/-ụ a/-ụ o	100
berobui -ụ e/-ụ a/-ụ o	ṅaberobui -ụ e/-ụ a/-ụ o	miniberobui -ụ e/-ụ a/-ụ o	mụberobui -ụ e/-ụ a/-ụ o	200
betijubui -ụ e/-ụ a/-ụ o	ṅabetijubui -ụ e/-ụ a/-ụ o	minibetijubui -ụ e/-ụ a/-ụ o	mụbetijubui -ụ e/-ụ a/-ụ o	300
betijimouer -ọ e/-ọ a/-ọ o betimouer -ọ e/-ọ a/-ọ o	ṅabetijimouer -ọ e/-ọ a/-ọ o ṅabetimouer -ọ e/-ọ a/-ọ o	minibetijimouer -ọ e/-ọ a/-ọ o minibetimouer -ọ e/-ọ a/-ọ o	mụbetijimouer -ọ e/-ọ a/-ọ o mụbetimouer -ọ e/-ọ a/-ọ o	500
Classifier 11 (7) eiji/eiyi [eiyi/ei3i]				
eijitijimo -ụe/-ụa/-ụo	ṅaeijitijimo -ụe/-ụa/-ụo	mineijitijimo -ụe/-ụa/-ụo	mụeijitijimo -ụe/-ụa/-ụo	5
eijita -ọ e/-ọ a/-ọ o	ṅaeijita -ọ e/-ọ a/-ọ o	mineiitaj -ọ e/-ọ a/-ọ o	mụeijita -ọ e/-ọ a/-ọ o	10
eijirumae -ọ e/-ọ a/-ọ o	ṅaeijirumae -ọ e/-ọ a/-ọ o	mineijirumae -ọ e/-ọ a/-ọ o	mụeijirumae -ọ e/-ọ a/-ọ o	20

eijitimoe -ọ e/-ọ a/-ọ o	ṅaeijitimoe -ọ e/-ọ a/-ọ o	mineijitimoe -ọ e/-ọ a/-ọ o	mụeijitimoe -ọ e/-ọ a/-ọ o	30
eijitimae -ọ e/-ọ a/-ọ o	ṅaeijitimae -ọ e/-ọ a/-ọ o	mineijitimae -ọ e/-ọ a/-ọ o	mụeijitimae -ọ e/-ọ a/-ọ o	50
eijidumae -ọ e/-ọ a/-ọ o	ṅaeijidumae -ọ e/-ọ a/-ọ o	mineijidumae -ọ e/-ọ a/-ọ o	mụeijidumae -ọ e/-ọ a/-ọ o	90
eijitebui -ụ e/-ụ a/-ụ o	ṅaeijitebui -ụ e/-ụ a/-ụ o	mineijitebui -ụ e/-ụ a/-ụ o	mụeijitebui -ụ e/-ụ a/-ụ o	100
eijirobui -ụ e/-ụ a/-ụ o	ṅaeijirobui -ụ e/-ụ a/-ụ o	mineijirobui -ụ e/-ụ a/-ụ o	mụeijirobui -ụ e/-ụ a/-ụ o	200
eijitijubui -ụ e/-ụ a/-ụ o	ṅaeijitijubui -ụ e/-ụ a/-ụ o	mineijitijubui -ụ e/-ụ a/-ụ o	mụeijitijibuij -ụ e/-ụ a/-ụ o	300
eijitijimouer-ọ e/-ọ a/-ọ o eijitimouer-ọ e/-ọ a/-ọ o	ṅaeijitijimouer -ọ e/-ọ a/-ọ o ṅaeijitimouer -ọ e/-ọ a/-ọ o	mineijitijimouer -ọ e/-ọ a/-ọ o mineijitimouer -ọ e/-ọ a/-ọ o	mụeijitijimouer -ọ e/-ọ a/-ọ o mụeijitimouer -ọ e/-ọ a/-ọ o	500
Classifier 12 (5) eo [ejo]				
eotijimo-ụe/-ụa/-ụo	ṅaeotijimo -ụe/-ụa/-ụo	mineotijimo -ụe/-ụa/-ụo	mụeotijimo -ụe/-ụa/-ụo	5
eota -ọ e/-ọ a/-ọ o	ṅaeota -ọ e/-ọ a/-ọ o	mineota -ọ e/-ọ a/-ọ o	mụeota -ọ e/-ọ a/-ọ o	10
eorumae -ọ e/-ọ a/-ọ o	ṅaeorumae -ọ e/-ọ a/-ọ o	mineorumae -ọ e/-ọ a/-ọ o	mụeorumae -ọ e/-ọ a/-ọ o	20
eotimoe -ọ e/-ọ a/-ọ o	ṅaeotimoe -ọ e/-ọ a/-ọ o	mineotimoe -ọ e/-ọ a/-ọ o	mụeotimoe -ọ e/-ọ a/-ọ o	30
eotimae -ọ e/-ọ a/-ọ o	ṅaeotimae -ọ e/-ọ a/-ọ o	mineotimae -ọ e/-ọ a/-ọ o	mụeotimae -ọ e/-ọ a/-ọ o	50
eodumae -ọ e/-ọ a/-ọ o	ṅaeodumae -ọ e/-ọ a/-ọ o	mineodumae -ọ e/-ọ a/-ọ o	mụeodumae -ọ e/-ọ a/-ọ o	90
eotebui -ụ e/-ụ a/-ụ o	ṅaeotebui -ụ e/-ụ a/-ụ o	mineotebui -ụ e/-ụ a/-ụ o	mụeotebui -ụ e/-ụ a/-ụ o	100
eorobui -ụ e/-ụ a/-ụ o	ṅaeorobui -ụ e/-ụ a/-ụ o	mineorobui -ụ e/-ụ a/-ụ o	mụeorobui -ụ e/-ụ a/-ụ o	200
eotijubui -ụ e/-ụ a/-ụ o	ṅaeotijubui -ụ e/-ụ a/-ụ o	mineotijubui -ụ e/-ụ a/-ụ o	mụeotijubui -ụ e/-ụ a/-ụ o	300
eotijimouer -ọ e/-ọ a/-ọ o eotimouer -ọ e/-ọ a/-ọ o	ṅaeotijimouer -ọ e/-ọ a/-ọ o ṅaeotimouer -ọ e/-ọ a/-ọ o	mineotijimouer -ọ e/-ọ a/-ọ o mineotimouer -ọ e/-ọ a/-ọ o	mụeotijimouer -ọ e/-ọ a/-ọ o mụeotimouer -ọ e/-ọ a/-ọ o	500
Classifier 13 (12) ga [gʌ]				
gatijmo -ụe/-ụa/-ụo	ṅagatijimo -ụe/-ụa/-ụo	minigatijimo -ụe/-ụa/-ụo	mụgatijimo-ụe/-ụa/-ụo	5
gata -ọ e/-ọ a/-ọ o	ṅagata -ọ e/-ọ a/-ọ o	minigata -ọ e/-ọ a/-ọ o	mụgata -ọ e/-ọ a/-ọ o	10
garumae -ọ e/-ọ a/-ọ o	ṅagarumae -ọ e/-ọ a/-ọ o	minigarumae -ọ e/-ọ a/-ọ o	mụgarumae -ọ e/-ọ a/-ọ o	20
gatimoe -ọ e/-ọ a/-ọ o	ṅagatimoe -ọ e/-ọ a/-ọ o	minigatimoe -ọ e/-ọ a/-ọ o	mụgatimoe -ọ e/-ọ a/-ọ o	30
gatimae -ọ e/-ọ a/-ọ o	ṅagatimae -ọ e/-ọ a/-ọ o	minigatimae -ọ e/-ọ a/-ọ o	mụgatimae -ọ e/-ọ a/-ọ o	50
gadumae -ọ e/-ọ a/-ọ o	ṅagadumae -ọ e/-ọ a/-ọ o	minigadumae -ọ e/-ọ a/-ọ o	mụgadumae -ọ e/-ọ a/-ọ o	90
gatebui -ụ e/-ụ a/-ụ o	ṅagatebui -ụ e/-ụ a/-ụ o	minigatebui -ụ e/-ụ a/-ụ o	mụgatebui -ụ e/-ụ a/-ụ o	100
garobui -ụ e/-ụ a/-ụ o	ṅagarobui -ụ e/-ụ a/-ụ o	minigarobui -ụ e/-ụ a/-ụ o	mụgarobui -ụ e/-ụ a/-ụ o	200
gatijubui -ụ e/-ụ a/-ụ o	ṅagatijubui -ụ e/-ụ a/-ụ o	minigatijubui -ụ e/-ụ a/-ụ o	mụgatijubui -ụ e/-ụ a/-ụ o	300

gatijimouer -o̱ e/-o̱ a/-o̱ o gatimouer -o̱ e/-o̱ a/-o̱ o	ṅagatijimouer -o̱ e/-o̱ a/-o̱ o ṅagatimouer -o̱ e/-o̱ a/-o̱ o	minigatijimouer -o̱ e/-o̱ a/-o̱ o minigatimouer -o̱ e/-o̱ a/-o̱ o	mu̱gatijimouer -o̱ e/-o̱ a/-o̱ o mu̱gatimouer -o̱ e/-o̱ a/-o̱ o	500
Classifier 14 (24) ga/ga̱ [gæ]				
ga̱ tijimo-u̱e/-u̱a/-u̱o	ṅaga̱ tijimo -u̱e/-u̱a/-u̱o	miniga̱ tijimo-u̱e/-u̱a/-u̱o	mu̱ga̱ tijimo-u̱e/-u̱a/-u̱o	5
ga̱ ta -o̱ e/-o̱ a/-o̱ o	ṅaga̱ ta -o̱ e/-o̱ a/-o̱ o	miniga̱ ta -o̱ e/-o̱ a/-o̱ o	mu̱ga̱ ta -o̱ e/-o̱ a/-o̱ o	10
ga̱ rumae -o̱ e/-o̱ a/-o̱ o	ṅaga̱ rumae -o̱ e/-o̱ a/-o̱ o	miniga̱ rumae -o̱ e/-o̱ a/-o̱ o	mu̱ga̱ rumae -o̱ e/-o̱ a/-o̱ o	20
ga̱ timoe -o̱ e/-o̱ a/-o̱ o	ṅaga̱ timoe -o̱ e/-o̱ a/-o̱ o	miniga̱ timoe -o̱ e/-o̱ a/-o̱ o	mu̱ga̱ timoe -o̱ e/-o̱ a/-o̱ o	30
ga̱ timae -o̱ e/-o̱ a/-o̱ o	ṅaga̱ timae -o̱ e/-o̱ a/-o̱ o	miniga̱ timae -o̱ e/-o̱ a/-o̱ o	mu̱ga̱ timae -o̱ e/-o̱ a/-o̱ o	50
ga̱ dumae -o̱ e/-o̱ a/-o̱ o	ṅaga̱ dumae -o̱ e/-o̱ a/-o̱ o	miniga̱ dumae -o̱ e/-o̱ a/-o̱ o	mu̱ga̱ dumae -o̱ e/-o̱ a/-o̱ o	90
ga̱ tebui -u̱ e/-u̱ a/-u̱ o	ṅaga̱ tebui -u̱ e/-u̱ a/-u̱ o	miniga̱ tebui -u̱ e/-u̱ a/-u̱ o	mu̱ga̱ tebui -u̱ e/-u̱ a/-u̱ o	100
ga̱ robui -u̱ e/-u̱ a/-u̱ o	ṅaga̱ robui -u̱ e/-u̱ a/-u̱ o	miniga̱ robui -u̱ e/-u̱ a/-u̱ o	mu̱ga̱ robui -u̱ e/-u̱ a/-u̱ o	200
ga̱ tijubui -u̱ e/-u̱ a/-u̱ o	ṅaga̱ tijubui -u̱ e/-u̱ a/-u̱ o	miniga̱ tijubui -u̱ e/-u̱ a/-u̱ o	mu̱ga̱ tijubui -u̱ e/-u̱ a/-u̱ o	300
ga̱ tijimouer -o̱ e/-o̱ a/-o̱ o ga̱ timouer -o̱ e/-o̱ a/-o̱ o	ṅaga̱ tijimouer -o̱ e/-o̱ a/-o̱ o ṅaga̱ timouer -o̱ e/-o̱ a/-o̱ o	miniga̱ tijimouer -o̱ e/-o̱ a/-o̱ o miniga̱ timouer -o̱ e/-o̱ a/-o̱ o	mu̱ga̱ tijimouer -o̱ e/-o̱ a/-o̱ o mu̱ga̱ timouer -o̱ e/-o̱ a/-o̱ o	500
Classifier 15 (13) ime [ime]				
imetijimo-u̱e/-u̱a/-u̱o	ṅaimetijimo-u̱e/-u̱a/-u̱o	minimetijimo -u̱e/-u̱a/-u̱o	mu̱imetijimo -u̱e/-u̱a/-u̱o	5
imeta -o̱ e/-o̱ a/-o̱ o	ṅaimeta -o̱ e/-o̱ a/-o̱ o	minimeta -o̱ e/-o̱ a/-o̱ o	mu̱imeta -o̱ e/-o̱ a/-o̱ o	10
imerumae -o̱ e/-o̱ a/-o̱ o	ṅaimerumae -o̱ e/-o̱ a/-o̱ o	minimerumae -o̱ e/-o̱ a/-o̱ o	mu̱imerumae -o̱ e/-o̱ a/-o̱ o	20
imetimoe -o̱ e/-o̱ a/-o̱ o	ṅaimetimoe -o̱ e/-o̱ a/-o̱ o	minimetimoe -o̱ e/-o̱ a/-o̱ o	mu̱imetimoe -o̱ e/-o̱ a/-o̱ o	30
imetimae -o̱ e/-o̱ a/-o̱ o	ṅaimetimae -o̱ e/-o̱ a/-o̱ o	minimetimae -o̱ e/-o̱ a/-o̱ o	mu̱imetimae -o̱ e/-o̱ a/-o̱ o	50
imedumae -o̱ e/-o̱ a/-o̱ o	ṅaimedumae -o̱ e/-o̱ a/-o̱ o	minimedumae -o̱ e/-o̱ a/-o̱ o	mu̱imedumae -o̱ e/-o̱ a/-o̱ o	90
imetebui -u̱ e/-u̱ a/-u̱ o	ṅaimetebui -u̱ e/-u̱ a/-u̱ o	minimetebui -u̱ e/-u̱ a/-u̱ o	mu̱imetebui -u̱ e/-u̱ a/-u̱ o	100
imerobui -u̱ e/-u̱ a/-u̱ o	ṅaimerobui -u̱ e/-u̱ a/-u̱ o	minimerobui -u̱ e/-u̱ a/-u̱ o	mu̱imerobui -u̱ e/-u̱ a/-u̱ o	200
imetijubui -u̱ e/-u̱ a/-u̱ o	ṅaimetijubui -u̱ e/-u̱ a/-u̱ o	minimetijubui -u̱ e/-u̱ a/-u̱ o	mu̱imetijubui -u̱ e/-u̱ a/-u̱ o	300
imetijimouer -o̱ e/-o̱ a/-o̱ o imetimouer -o̱ e/-o̱ a/-o̱ o	ṅaimetijimouer-o̱ e/-o̱ a/-o̱ o ṅaimetimouer-o̱ e/-o̱ a/-o̱ o	minimetijimouer-o̱ e/-o̱ a/-o̱ o minimetimouer-o̱ e/-o̱ a/-o̱ o	mu̱imetijimouer -o̱ e/-o̱ a/-o̱ o mu̱imetimouer -o̱ e/-o̱ a/-o̱ o	500
Classifier 16 (38) in [jiin]				
initijimo -u̱e/-u̱a/-u̱o	ṅainitijimo -u̱e/-u̱a/-u̱o	mininitijimo -u̱e/-u̱a/-u̱o	mu̱initijimo -u̱e/-u̱a/-u̱o	5

inita -ọ e/-ọ a/-ọ o	ṅainita -ọ e/-ọ a/-ọ o	mininita -ọ e/-ọ a/-ọ o	mụinita -ọ e/-ọ a/-ọ o	10
inirumae -ọ e/-ọ a/-ọ o	ṅainirumae -ọ e/-ọ a/-ọ o	mininirumae -ọ e/-ọ a/-ọ o	mụinirumae -ọ e/-ọ a/-ọ o	20
initimoe -ọ e/-ọ a/-ọ o	ṅainitimoe -ọ e/-ọ a/-ọ o	mininitimoe -ọ e/-ọ a/-ọ o	mụinitimoe -ọ e/-ọ a/-ọ o	30
initimae -ọ e/-ọ a/-ọ o	ṅainitimae -ọ e/-ọ a/-ọ o	mininitimae -ọ e/-ọ a/-ọ o	mụinitimae -ọ e/-ọ a/-ọ o	50
inidumae -ọ e/-ọ a/-ọ o	ṅainidumae -ọ e/-ọ a/-ọ o	mininidumae -ọ e/-ọ a/-ọ o	mụinidumae -ọ e/-ọ a/-ọ o	90
initebui -ụ e/-ụ a/-ụ o	ṅainitebui -ụ e/-ụ a/-ụ o	mininitebui -ụ e/-ụ a/-ụ o	mụinitebui -ụ e/-ụ a/-ụ o	100
inirobui -ụ e/-ụ a/-ụ o	ṅainirobui -ụ e/-ụ a/-ụ o	mininirobui -ụ e/-ụ a/-ụ o	mụinirobui -ụ e/-ụ a/-ụ o	200
initijubui -ụ e/-ụ a/-ụ o	ṅainitijubui -ụ e/-ụ a/-ụ o	mininitijubui -ụ e/-ụ a/-ụ o	mụinitijubui -ụ e/-ụ a/-ụ o	300
initijimouer -ọ e/-ọ a/-ọ o initimouer -ọ e/-ọ a/-ọ o	ṅainitijimouer -ọ e/-ọ a/-ọ o ṅainitimouer -ọ e/-ọ a/-ọ o	mininitijimouer -ọ e/-ọ a/-ọ o mininitimouer -ọ e/-ọ a/-ọ o	mụinitijimouer -ọ e/-ọ a/-ọ o mụinitimouer -ọ e/-ọ a/-ọ o	500
Classifier 17 (35) ine/inä [iine]				
inätijimo -ụe/-ụa/-ụo	ṅainätijimo -ụe/-ụa/-ụo	mininätijimo -ụe/-ụa/-ụo	mụinätijimo -ụe/-ụa/-ụo	5
inäta -ọ e/-ọ a/-ọ o	ṅainäta -ọ e/-ọ a/-ọ o	mininäta -ọ e/-ọ a/-ọ o	mụinäta -ọ e/-ọ a/-ọ o	10
inärumae -ọ e/-ọ a/-ọ o	ṅainärumae -ọ e/-ọ a/-ọ o	mininärumae -ọ e/-ọ a/-ọ o	mụinärumae -ọ e/-ọ a/-ọ o	20
inätimoe -ọ e/-ọ a/-ọ o	ṅainätimoe -ọ e/-ọ a/-ọ o	mininätimoe -ọ e/-ọ a/-ọ o	mụinätimoe -ọ e/-ọ a/-ọ o	30
inätimae -ọ e/-ọ a/-ọ o	ṅainätimae -ọ e/-ọ a/-ọ o	mininätimae -ọ e/-ọ a/-ọ o	mụinätimae -ọ e/-ọ a/-ọ o	50
inädumae -ọ e/-ọ a/-ọ o	ṅainädumae -ọ e/-ọ a/-ọ o	mininädumae -ọ e/-ọ a/-ọ o	mụinädumae -ọ e/-ọ a/-ọ o	90
inätebui -ụ e/-ụ a/-ụ o	ṅainätebui -ụ e/-ụ a/-ụ o	mininätebui -ụ e/-ụ a/-ụ o	mụinätebui -ụ e/-ụ a/-ụ o	100
inärobui -ụ e/-ụ a/-ụ o	ṅainärobui -ụ e/-ụ a/-ụ o	mininärobui -ụ e/-ụ a/-ụ o	mụinärobui -ụ e/-ụ a/-ụ o	200
inätijubui -ụ e/-ụ a/-ụ o	ṅainätijubui -ụ e/-ụ a/-ụ o	mininätijubui -ụ e/-ụ a/-ụ o	mụinätijubui -ụ e/-ụ a/-ụ o	300
inätijimouer -ọ e/-ọ a/-ọ o inätimouer -ọ e/-ọ a/-ọ o	ṅainätijimouer -ọ e/-ọ a/-ọ o ṅainätimouer -ọ e/-ọ a/-ọ o	mininätijimouer -ọ e/-ọ a/-ọ o mininätimouer -ọ e/-ọ a/-ọ o	mụinätijimouer -ọ e/-ọ a/-ọ o mụinätimouer -ọ e/-ọ a/-ọ o	500
Classifier 18 (14) ire [ire]				
iretijimo -ụe/-ụa/-ụo	ṅairetijimo-ụe/-ụa/-ụo	miniretijimo-ụe/-ụa/-ụo	mụiretijimo -ụe/-ụa/-ụo	5
ireta -ọ e/-ọ a/-ọ o	ṅaireta -ọ e/-ọ a/-ọ o	minireta -ọ e/-ọ a/-ọ o	mụireta -ọ e/-ọ a/-ọ o	10
irerumae -ọ e/-ọ a/-ọ o	ṅairerumae -ọ e/-ọ a/-ọ o	minirerumae -ọ e/-ọ a/-ọ o	mụirerumae -ọ e/-ọ a/-ọ o	20
irtimoe -ọ e/-ọ a/-ọ o	ṅairetimoe -ọ e/-ọ a/-ọ o	miniretimoe -ọ e/-ọ a/-ọ o	mụiretimoe -ọ e/-ọ a/-ọ o	30
iretimae -ọ e/-ọ a/-ọ o	ṅairetimae -ọ e/-ọ a/-ọ o	minir etimae-ọ e/-ọ a/-ọ o	mụiretimae -ọ e/-ọ a/-ọ o	50
iredumae -ọ e/-ọ a/-ọ o	ṅairedumae -ọ e/-ọ a/-ọ o	miniredumae -ọ e/-ọ a/-ọ o	mụiredumae -ọ e/-ọ a/-ọ o	90

iretebui -u̱ e/-u̱ a/-u̱ o	ṅairetebui -u̱ e/-u̱ a/-u̱ o	miniretebui -u̱ e/-u̱ a/-u̱ o	mụiretebui -u̱ e/-u̱ a/-u̱ o	100
irerobui -u̱ e/-u̱ a/-u̱ o	ṅairerobui -u̱ e/-u̱ a/-u̱ o	minirerobui -u̱ e/-u̱ a/-u̱ o	mụirerobui -u̱ e/-u̱ a/-u̱ o	200
iretijubui -u̱ e/-u̱ a/-u̱ o	ṅairetijubui -u̱ e/-u̱ a/-u̱ o	miniretijubui -u̱ e/-u̱ a/-u̱ o	muiretijubui -u̱ e/-u̱ a/-u̱ o	300
iretijimouer -o̱ e/-o̱ a/-o̱ o iretimouer -o̱ e/-o̱ a/-o̱ o	ṅairetijimouer -o̱ e/-o̱ a/-o̱ o ṅairetimouer -o̱ e/-o̱ a/-o̱ o	miniretijimouer -o̱ e/-o̱ a/-o̱ o miniretimouer -o̱ e/-o̱ a/-o̱ o	mụiretijimouer -o̱ e/-o̱ a/-o̱ o mụiretimouer -o̱ e/-o̱ a/-o̱ o	500
Classifier 19 (36) iw [iw]				
iwitijimo -u̱e/-u̱a/-u̱o	ṅaiwitijimo -u̱e/-u̱a/-u̱o	miniwitijimo -u̱e/-u̱a/-u̱o	mụiwitijimo -u̱e/-u̱a/-u̱o	5
iwita -o̱ e/-o̱ a/-o̱ o	ṅaiwita -o̱ e/-o̱ a/-o̱ o	miniwita -o̱ e/-o̱ a/-o̱ o	mụiwita -o̱ e/-o̱ a/-o̱ o	10
iwirumae -o̱ e/-o̱ a/-o̱ o	ṅaiwirumae -o̱ e/-o̱ a/-o̱ o	miniwirumae -o̱ e/-o̱ a/-o̱ o	mụiwirumae -o̱ e/-o̱ a/-o̱ o	20
iwitimoe -o̱ e/-o̱ a/-o̱ o	ṅaiwitimoe -o̱ e/-o̱ a/-o̱ o	miniwitimoe -o̱ e/-o̱ a/-o̱ o	mụiwitimoe -o̱ e/-o̱ a/-o̱ o	30
iwitimae -o̱ e/-o̱ a/-o̱ o	ṅaiwitimae -o̱ e/-o̱ a/-o̱ o	miniwitimae -o̱ e/-o̱ a/-o̱ o	mụiwitimae -o̱ e/-o̱ a/-o̱ o	50
iwidumae -o̱ e/-o̱ a/-o̱ o	ṅaiwidumae -o̱ e/-o̱ a/-o̱ o	miniwidumae -o̱ e/-o̱ a/-o̱ o	mụiwidumae -o̱ e/-o̱ a/-o̱ o	90
iwitebui --u̱ e/-u̱ a/-u̱	ṅaiwitebui -u̱ e/-u̱ a/-u̱ o	miniwitebui -u̱ e/-u̱ a/-u̱ o	mụiwitebui -u̱ e/-u̱ a/-u̱ o	100
iwirobui -u̱ e/-u̱ a/-u̱ o	ṅaiwirobui -u̱ e/-u̱ a/-u̱ o	miniwirobui -u̱ e/-u̱ a/-u̱ o	mụiwirobui -u̱ e/-u̱ a/-u̱ o	200
iwitijubui -u̱ e/-u̱ a/-u̱ o	ṅaiwitijubui -u̱ e/-u̱ a/-u̱ o	miniwitijubui -u̱ e/-u̱ a/-u̱ o	mụiwitijubui -u̱ e/-u̱ a/-u̱ o	300
iwitijimouer -o̱ e/-o̱ a/-o̱ o iwitimouer -o̱ e/-o̱ a/-o̱ o	ṅaiwitijimouer -o̱ e/-o̱ a/-o̱ o ṅaiwitimouer -o̱ e/-o̱ a/-o̱ o	miniwitijimouer -o̱ e/-o̱ a/-o̱ o miniwitimouer -o̱ e/-o̱ a/-o̱ o	mụiwitijimouer -o̱ e/-o̱ a/-o̱ o mụiwitimouer -o̱ e/-o̱ a/-o̱ o	500
Classifier 20 (21) ke/kä [ke]				
kätijimo-u̱e/-u̱a/-u̱o	ṅakätijimo -u̱e/-u̱a/-u̱o	minikätijimo -u̱e/-u̱a/-u̱o	mụkätijimo -u̱e/-u̱a/-u̱o	5
käta -o̱ e/-o̱ a/-o̱ o	ṅakäta -o̱ e/-o̱ a/-o̱ o	minikäta -o̱ e/-o̱ a/-o̱ o	mụkäta -o̱ e/-o̱ a/-o̱ o	10
kärumae -o̱ e/-o̱ a/-o̱ o	ṅakärumae -o̱ e/-o̱ a/-o̱ o	minikärumae -o̱ e/-o̱ a/-o̱ o	mụkärumae -o̱ e/-o̱ a/-o̱ o	20
kätimoe -o̱ e/-o̱ a/-o̱ o	ṅakätimoe -o̱ e/-o̱ a/-o̱ o	minikätimoe -o̱ e/-o̱ a/-o̱ o	mụkätimoe -o̱ e/-o̱ a/-o̱ o	30
kätimae -o̱ e/-o̱ a/-o̱ o	ṅakätimae -o̱ e/-o̱ a/-o̱ o	minikätimae -o̱ e/-o̱ a/-o̱ o	mụkätimae -o̱ e/-o̱ a/-o̱ o	50
kädumae -o̱ e/-o̱ a/-o̱ o	ṅakädumae -o̱ e/-o̱ a/-o̱ o	minikädumae -o̱ e/-o̱ a/-o̱ o	mụkädumae -o̱ e/-o̱ a/-o̱ o	90
kätebui -u̱ e/-u̱ a/-u̱ o	ṅakätebui -u̱ e/-u̱ a/-u̱ o	minikätebui -u̱ e/-u̱ a/-u̱ o	mụkätebui -u̱ e/-u̱ a/-u̱ o	100
kärobui -u̱ e/-u̱ a/-u̱ o	ṅakärobui -u̱ e/-u̱ a/-u̱ o	minikärobui -u̱ e/-u̱ a/-u̱ o	mụkärobui -u̱ e/-u̱ a/-u̱ o	200
kätijubui -u̱ e/-u̱ a/-u̱ o	ṅakätijubui -u̱ e/-u̱ a/-u̱ o	minikätijubui -u̱ e/-u̱ a/-u̱ o	mụkätijubui -u̱ e/-u̱ a/-u̱ o	300
kätijimouer -o̱ e/-o̱ a/-o̱ o kätimouer -o̱ e/-o̱ a/-o̱ o	ṅakätijimouer -o̱ e/-o̱ a/-o̱ o ṅakätimouer -o̱ e/-o̱ a/-o̱ o	minikätijimouer -o̱ e/-o̱ a/-o̱ o minikätimouer -o̱ e/-o̱ a/-o̱ o	mụkätijimouer -o̱ e/-o̱ a/-o̱ o mụkätimouer -o̱ e/-o̱ a/-o̱ o	500
Classifier 21 (4)				

mae/ma [mɟai]				
maetijimo -u̱e/-u̱a/-u̱o	ṅamaetijimo -u̱e/-u̱a/-u̱o	minimaetijimo -u̱e/-u̱a/-u̱o	mụmaetijimo -u̱e/-u̱a/-u̱o	5
maeta -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamaeta -ọ̱ e/-ọ̱ a/-ọ̱ o	minimaeta -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmaeta -ọ̱ e/-ọ̱ a/-ọ̱ o	10
maerumae -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamaerumae -ọ̱ e/-ọ̱ a/-ọ̱ o	minimaerumae -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmaerumae -ọ̱ e/-ọ̱ a/-ọ̱ o	20
maetimoe -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamaetimoe -ọ̱ e/-ọ̱ a/-ọ̱ o	minimaetimoe -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmaetimoe -ọ̱ e/-ọ̱ a/-ọ̱ o	30
maetimae -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamaetimae -ọ̱ e/-ọ̱ a/-ọ̱ o	minimaetimae -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmaetimae -ọ̱ e/-ọ̱ a/-ọ̱ o	50
maedumae -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamaedumae -ọ̱ e/-ọ̱ a/-ọ̱ o	minimaedumae -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmaedumae -ọ̱ e/-ọ̱ a/-ọ̱ o	90
maetebui -u̱ e/-u̱ a/-u̱ o	ṅamaetebui -u̱ e/-u̱ a/-u̱ o	minimaetebui -u̱ e/-u̱ a/-u̱ o	mụmaetebui -u̱ e/-u̱ a/-u̱ o	100
maerobui -u̱ e/-u̱ a/-u̱ o	ṅamaerobui -u̱ e/-u̱ a/-u̱ o	minimaerobui -u̱ e/-u̱ a/-u̱ o	mụmaerobui -u̱ e/-u̱ a/-u̱ o	200
maetijubui -u̱ e/-u̱ a/-u̱ o	ṅamaetijubui -u̱ e/-u̱ a/-u̱ o	minimaetijubui --u̱ e/-u̱ a/-u̱ o	mụmaetijubui -u̱ e/-u̱ a/-u̱ o	300
maetijimouer -ọ̱ e/-ọ̱ a/-ọ̱ o maetimouer -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamaetijimouer -ọ̱ e/-ọ̱ a/-ọ̱ o ṅamaetimouer -ọ̱ e/-ọ̱ a/-ọ̱ o	minimaetijimouer -ọ̱ e/-ọ̱ a/-ọ̱ o minimaetimouer -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmaetijimouer -ọ̱ e/-ọ̱ a/-ọ̱ o mụmaetijimouer -ọ̱ e/-ọ̱ a/-ọ̱ o	500
Classifier 22 (25) mage/magä [mʌge]				
magätijimo -u̱e/-u̱a/-u̱o	ṅamagätijimo -u̱e/-u̱a/-u̱o	minimagätijimo -u̱e/-u̱a/-u̱o	mụmagätijimo -u̱e/-u̱a/-u̱o	5
magäta -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamagäta -ọ̱ e/-ọ̱ a/-ọ̱ o	minimagäta -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmagäta -ọ̱ e/-ọ̱ a/-ọ̱ o	10
magärumae -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamagärumae -ọ̱ e/-ọ̱ a/-ọ̱ o	minimagärumae -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmagärumae -ọ̱ e/-ọ̱ a/-ọ̱ o	20
magätimoe -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamagätimoe -ọ̱ e/-ọ̱ a/-ọ̱ o	minimagätimoe -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmagätimoe -ọ̱ e/-ọ̱ a/-ọ̱ o	30
magätimae -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamagätimae -ọ̱ e/-ọ̱ a/-ọ̱ o	minimagätimae -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmagätimae -ọ̱ e/-ọ̱ a/-ọ̱ o	50
magädumae -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamagädumae -ọ̱ e/-ọ̱ a/-ọ̱ o	minimagädumae -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmagädumae -ọ̱ e/-ọ̱ a/-ọ̱ o	90
magätebui -u̱ e/-u̱ a/-u̱ o	ṅamagätebui -u̱ e/-u̱ a/-u̱ o	minimagätebui -u̱ e/-u̱ a/-u̱ o	mụmagätebui -ọ̱ e/-ọ̱ a/-ọ̱ o	100
magärobui -u̱ e/-u̱ a/-u̱ o	ṅamagärobui -u̱ e/-u̱ a/-u̱ o	minimagärobui -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmagärobui -ọ̱ e/-ọ̱ a/-ọ̱ o	200
magätijubui -u̱ e/-u̱ a/-u̱ o	ṅamagätijubui -u̱ e/-u̱ a/-u̱ o	minimagätijubui -u̱ e/-u̱ a/-u̱ o	mụmagätijubui -ọ̱ e/-ọ̱ a/-ọ̱ o	300
magätijimouer -ọ̱ e/-ọ̱ a/-ọ̱ o magätimouer -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamagätijimouer -ọ̱ e/-ọ̱ a/-ọ̱ o ṅamagätimouer -ọ̱ e/-ọ̱ a/-ọ̱ o	minimagätijimouer -ọ̱ e/-ọ̱ a/-ọ̱ o minimagätimouer -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmagätijimouer -ọ̱ e/-ọ̱ a/-ọ̱ o mụmagätimouer -ọ̱ e/-ọ̱ a/-ọ̱ o	500
Classifier 23 (22) mwari/mari [mʷʌrʰi]				
maritijimo -u̱e/-u̱a/-u̱o	ṅamaritijimo-u̱e/-u̱a/-u̱o	minimaritijimo -u̱e/-u̱a/-u̱o	mụmaritijimo -u̱e/-u̱a/-u̱o	5
marita -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamarita -ọ̱ e/-ọ̱ a/-ọ̱ o	minimarita -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmarita -ọ̱ e/-ọ̱ a/-ọ̱ o	10
marirumae -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamarirumae -ọ̱ e/-ọ̱ a/-ọ̱ o	minimarirumae -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmarirumae -ọ̱ e/-ọ̱ a/-ọ̱ o	20
maritimoe -ọ̱ e/-ọ̱ a/-ọ̱ o	ṅamaritimoe -ọ̱ e/-ọ̱ a/-ọ̱ o	minimaritimoe -ọ̱ e/-ọ̱ a/-ọ̱ o	mụmaritimoe -ọ̱ e/-ọ̱ a/-ọ̱ o	30

maritimae -ọ e/-ọ a/-ọ o	ṅamaritimae -ọ e/-ọ a/-ọ o	minimaritimae -ọ e/-ọ a/-ọ o	mụmaritimae -ọ e/-ọ a/-ọ o	50
maridumae -ọ e/-ọ a/-ọ o	ṅamaridumae -ọ e/-ọ a/-ọ o	minimaridumae -ọ e/-ọ a/-ọ o	mụmaridumae -ọ e/-ọ a/-ọ o	90
maritebui -ụ e/-ụ a/-ụ o	ṅamaritebui -ụ e/-ụ a/-ụ o	minimaritebui -ụ e/-ụ a/-ụ o	mụmaritebui -ụ e/-ụ a/-ụ o	100
marirobui -ụ e/-ụ a/-ụ o	ṅamarirobui -ụ e/-ụ a/-ụ o	minimarirobui -ụ e/-ụ a/-ụ o	mụmarirobui -ụ e/-ụ a/-ụ o	200
maritijubui -ụ e/-ụ a/-ụ o	ṅamaritijubui -ụ e/-ụ a/-ụ o	minimaritijubui -ụ e/-ụ a/-ụ o	mụmaritijubui -ụ e/-ụ a/-ụ o	300
maritijimouer -ọ e/-ọ a/-ọ o maritimouer -ọ e/-ọ a/-ọ o	ṅamaritijimouer -ọ e/-ọ a/-ọ o ṅamaritijimouer -ọ e/-ọ a/-ọ o	minimaritijimouer -ọ e/-ọ a/-ọ o minimaritimouer -ọ e/-ọ a/-ọ o	mụmaritijimouer -ọ e/-ọ a/-ọ o mụmaritijimouer -ọ e/-ọ a/-ọ o	500
Classifier 24 (26) mwe/muö [mwə]				
muötijimo-ụe/-ụa/-ụo	ṅamuötijimo -ụe/-ụa/-ụo	minimuötijimo -ụe/-ụa/-ụo	mụmuötijimo -ụe/-ụa/-ụo	5
muöta -öe/-öa/-öo	ṅamuöta -öe/-öa/-öo	minimuöta -öe/-öa/-öo	mụmuöta -öe/-öa/-öo	10
muörumae -öe/-öa/-öo	ṅamuörumae -öe/-öa/-öo	minimuörumae -öe/-öa/-öo	mụmuörumae -öe/-öa/-öo	20
muötimoe -öe/-öa/-öo	ṅamuötimoe -öe/-öa/-öo	minimuötimoe -öe/-öa/-öo	mụmuötimoe -öe/-öa/-öo	30
muötimae -öe/-öa/-öo	ṅamuötimae -öe/-öa/-öo	minimuötimae -öe/-öa/-öo	mụmuötimae -öe/-öa/-öo	50
muödumae -öe/-öa/-öo	ṅamuödumae -öe/-öa/-öo	minimuödumae -öe/-öa/-öo	mụmuödumae -öe/-öa/-öo	90
muötebui -ụ e/-ụ a/-ụ o	ṅamuötebui -ụ e/-ụ a/-ụ o	minimuötebui -ụ e/-ụ a/-ụ o	mụmuötebui -ụ e/-ụ a/-ụ o	100
muörobui -ụ e/-ụ a/-ụ o	ṅamuörobui -ụ e/-ụ a/-ụ o	minimuörobui -öe/-öa/-öo-ụ e/-ụ a/-ụ o	mụmuörobui -öe/-öa/-öo-ụ e/-ụ a/-ụ o	200
muötijubui -ụ e/-ụ a/-ụ o	ṅamuötijubui -ụ e/-ụ a/-ụ o	minimuötijubui -ụ e/-ụ a/-ụ o	mụmuötijubui --ụ e/-ụ a/-ụ o	300
muötijimouer -öe/-öa/-öo muötimouer -öe/-öa/-öo	ṅamuötijimouer -öe/-öa/-öo ṅamuötimouer -öe/-öa/-öo	minimuötijimouer -öe/-öa/-öo minimuötimouer -öe/-öa/-öo	mụmuötijimouer -öe/-öa/-öo mụmuötijimouer -öe/-öa/-öo	500
Classifier 25 (31) mweiyi/mweiji/mueiji [mweiʒi]				
mueijitijimo -ụe/-ụa/-ụo	ṅamueijitijimo -ụe/-ụa/-ụo	minimueijitijimo -ụe/-ụa/-ụo	mụmueijitijimo -ụe/-ụa/-ụo	5
mueijita -ọ e/-ọ a/-ọ o	ṅamueijita -ọ e/-ọ a/-ọ o	minimueijita -ọ e/-ọ a/-ọ o	mụmueijita -ọ e/-ọ a/-ọ o	10
mueijirumae-ọ e/-ọ a/-ọ o	ṅamueijirumae -ọ e/-ọ a/-ọ o	minimueijirumae -ọ e/-ọ a/-ọ o	mụmueijirumae -ọ e/-ọ a/-ọ o o	20
mueijitimoe -ọ e/-ọ a/-ọ o	ṅamueijitimoe -ọ e/-ọ a/-ọ o	minimueijitimoe -ọ e/-ọ a/-ọ o	mụmueijitimoe -ọ e/-ọ a/-ọ o	30
mueijitimae -ọ e/-ọ a/-ọ o	ṅamueijitimae -ọ e/-ọ a/-ọ o	minimueijitimae -ọ e/-ọ a/-ọ o	mụmueijitimae -ọ e/-ọ a/-ọ o	50
mueijidumae -ọ e/-ọ a/-ọ o	ṅamueijidumae -ọ e/-ọ a/-ọ o	minimueijidumae -ọ e/-ọ a/-ọ o	mụmueijidumae -ọ e/-ọ a/-ọ o	90

mueijitebui -ụ e/-ụ a/-ụ o	ṅamueijitebui -ụ e/-ụ a/-ụ o	minimueijitebui -ụ e/-ụ a/-ụ o	mụmueijitebui -ụ e/-ụ a/-ụ o	100
mueijirobui -ụ e/-ụ a/-ụ o	ṅamueijirobui -ụ e/-ụ a/-ụ o	minimueijirobui -ụ e/-ụ a/-ụ o	mụmueijirobui -ụ e/-ụ a/-ụ o	200
mueijitijubui -ụ e/-ụ a/-ụ o	ṅamueijitijubui -ụ e/-ụ a/-ụ o	minimueijitijinui -ụ e/-ụ a/-ụ o	mụmueijitijubui -ụ e/-ụ a/-ụ o	300
mueijitijimouer-ọ e/-ọ a/-ọ o mueijitimouer-ọ e/-ọ a/-ọ o	ṅamueijitijimouer -ọ e/-ọ a/-ọ o ṅamueijitimouer -ọ e/-ọ a/-ọ o	minimueijitijimouer -ọ e/-ọ a/-ọ o minimueijitijimouer -ọ e/-ọ a/-ọ o	mụmueijitijimouer -ọ e/-ọ a/-ọ o mụmueijitimouer -ọ e/-ọ a/-ọo	500
Classifier 26 (27) ñe/nge/ngä/ṅä [ŋe]				
ṅätijimo -ụe/-ụa/-ụo	ṅaṅätijimo -ụe/-ụa/-ụo	miniṅätijimo -ụe/-ụa/-ụo	mụṅätijimo -ụe/-ụa/-ụo	5
ṅäta -ọ e/-ọ a/-ọ o	ṅaṅäta -ọ e/-ọ a/-ọ o	miniṅäta -ọ e/-ọ a/-ọ o	mụṅäta -ọ e/-ọ a/-ọ o	10
ṅärumae -ọ e/-ọ a/-ọ o	ṅaṅärumae -ọ e/-ọ a/-ọ o	miniṅärumae -ọ e/-ọ a/-ọ o	mụṅärumae -ọ e/-ọ a/-ọ o	20
ṅätimoe -ọ e/-ọ a/-ọ o	ṅaṅätimoe -ọ e/-ọ a/-ọ o	miniṅätimoe -ọ e/-ọ a/-ọ o	mụṅätimoe -ọ e/-ọ a/-ọ o	30
ṅätimae -ọ e/-ọ a/-ọ o	ṅaṅätimae -ọ e/-ọ a/-ọ o	miniṅätimae -ọ e/-ọ a/-ọ o	mụṅätimae -ọ e/-ọ a/-ọ o	50
ṅädumae -ọ e/-ọ a/-ọ o	ṅaṅädumae -ọ e/-ọ a/-ọ o	miniṅädumae -ọ e/-ọ a/-ọ o	mụṅädumae -ọ e/-ọ a/-ọ o	90
ṅätebui -ụ e/-ụ a/-ụ o	ṅaṅätebui -ụ e/-ụ a/-ụ o	miniṅätebui -ụ e/-ụ a/-ụ o	mụṅätebui -ụ e/-ụ a/-ụ o	100
ṅärobui -ụ e/-ụ a/-ụ o	ṅaṅärobui -ụ e/-ụ a/-ụ o	miniṅärobui -ụ e/-ụ a/-ụ o	mụṅärobui -ụ e/-ụ a/-ụ o	200
ṅätijubui -ụ e/-ụ a/-ụ o	ṅaṅätijubui -ụ e/-ụ a/-ụ o	miniṅätijubui -ụ e/-ụ a/-ụ o	mụṅätijubui -ụ e/-ụ a/-ụ o	300
ṅätijimouer -ọ e/-ọ a/-ọ o ṅätimouer -ọ e/-ọ a/-ọ o	ṅaṅätijimouer -ọ e/-ọ a/-ọ o ṅaṅätimouer -ọ e/-ọ a/-ọ o	miniṅätijimouer -ọ e/-ọ a/-ọ o miniṅätimouer -ọ e/-ọ a/-ọ o	mụṅätijimouer -ọ e/-ọ a/-ọ o mụṅätimouer -ọ e/-ọ a/-ọ o	500
Classifier 27 (6) oe/oä [owe]				
oäjitimo-ụe/-ụa/-ụo	ṅaoätijimo -ụe/-ụa/-ụo	minoätijimo -ụe/-ụa/-ụo	mụoätijimo -ụe/-ụa/-ụo	5
oäta -ọ e/-ọ a/-ọ o	ṅaoäta -ọ e/-ọ a/-ọ o	minoäta -ọ e/-ọ a/-ọ o	mụoäta -ọ e/-ọ a/-ọ o	10
oärumae -ọ e/-ọ a/-ọ o	ṅaoärumae -ọ e/-ọ a/-ọ o	minoärumae -ọ e/-ọ a/-ọ o	mụoärumae -ọ e/-ọ a/-ọ o	20
oätimoe -ọ e/-ọ a/-ọ o	ṅaoätimoe -ọ e/-ọ a/-ọ o	minoätimoe -ọ e/-ọ a/-ọ o	mụoätimoe -ọ e/-ọ a/-ọ o	30
oätimae -ọ e/-ọ a/-ọ o	ṅaoätimae -ọ e/-ọ a/-ọ o	minoätimae -ọ e/-ọ a/-ọ o	mụoätimae -ọ e/-ọ a/-ọ o	50
oädumae -ọ e/-ọ a/-ọ o	ṅaoädumae -ọ e/-ọ a/-ọ o	minoädumae -ọ e/-ọ a/-ọ o	mụoädumae -ọ e/-ọ a/-ọ o	90
oätebui -ụ e/-ụ a/-ụ o	ṅaoätebui -ụ e/-ụ a/-ụ o	minoätebui -ụ e/-ụ a/-ụ o	mụoätebui -ụ e/-ụ a/-ụ o	100
oärobui -ụ e/-ụ a/-ụ o	ṅaoärobui -ụ e/-ụ a/-ụ o	minoärobui -ụ e/-ụ a/-ụ o	mụoärobui -ụ e/-ụ a/-ụ o	200
oätijubui -ụ e/-ụ a/-ụ o	ṅaoätijubui -ụ e/-ụ a/-ụ o	minoätijubui -ụ e/-ụ a/-ụ o	mụoäyijubui -ụ e/-ụ a/-ụ o	300
oätijimouer -ọ e/-ọ a/-ọ o oätimouer -ọ e/-ọ a/-ọ o	ṅaoätijimouer -ọ e/-ọ a/-ọ o ṅaoätimouer -ọ e/-ọ a/-ọ o	minoätijimouer -ọ e/-ọ a/-ọ o minoätijimouer -ọ e/-ọ a/-ọ o	mụoätijimouer -ọ e/-ọ a/-ọ o mụoätimouer -ọ e/-ọ a/-ọ o	500
Classifier 28 (37)				

pañ/pang/pa= ṅ [paŋ]				
paṅitijimo-u̱e/-u̱a/-u̱o	ṅapaṅitijimo -u̱e/-u̱a/-u̱o	minipaṅitijimo -u̱e/-u̱a/-u̱o	mụpaṅitijimo -u̱e/-u̱a/-u̱o	5
paṅita -o̱ e/-o̱ a/-o̱ o	ṅapaṅita -o̱ e/-o̱ a/-o̱ o	minipaṅita -o̱ e/-o̱ a/-o̱ o	mụpaṅita -o̱ e/-o̱ a/-o̱ o	10
paṅirumae -o̱ e/-o̱ a/-o̱ o	ṅapaṅirumae -o̱ e/-o̱ a/-o̱ o	minipaṅirumae -o̱ e/-o̱ a/-o̱ o	mụpaṅirumae -o̱ e/-o̱ a/-o̱ o	20
paṅitimoe -o̱ e/-o̱ a/-o̱ o	ṅapaṅitimoe -o̱ e/-o̱ a/-o̱ o	minipaṅitimoe -o̱ e/-o̱ a/-o̱ o	mụpaṅitimoe -o̱ e/-o̱ a/-o̱ o	30
paṅitimae -o̱ e/-o̱ a/-o̱ o	ṅapaṅitimae -o̱ e/-o̱ a/-o̱ o	minipaṅitimae -o̱ e/-o̱ a/-o̱ o	mụpaṅitimae -o̱ e/-o̱ a/-o̱ o	50
paṅidumae -o̱ e/-o̱ a/-o̱ o	ṅapaṅidumae -o̱ e/-o̱ a/-o̱ o	minipaṅidumae -o̱ e/-o̱ a/-o̱ o	mụpaṅidumae -o̱ e/-o̱ a/-o̱ o	90
paṅitebui -u̱ e/-u̱ a/-u̱ o	ṅapaṅitebui -u̱ e/-u̱ a/-u̱ o	minipaṅitebui -u̱ e/-u̱ a/-u̱ o	mụpaṅitebui -u̱ e/-u̱ a/-u̱ o	100
paṅirobui -u̱ e/-u̱ a/-u̱ o	ṅapaṅirobui -u̱ e/-u̱ a/-u̱ o	minipaṅirobui -u̱ e/-u̱ a/-u̱ o	mụpaṅirobui -u̱ e/-u̱ a/-u̱ o	200
paṅitijubui -u̱ e/-u̱ a/-u̱ o	ṅapaṅitijubui -u̱ e/-u̱ a/-u̱ o	minipaṅitijubui -u̱ e/-u̱ a/-u̱ o	mụpaṅitijubui -u̱ e/-u̱ a/-u̱ o	300
paṅitijimouer -o̱ e/-o̱ a/-o̱ o paṅitimouer -o̱ e/-o̱ a/-o̱ o	ṅapaṅitijimouer -o̱ e/-o̱ a/-o̱ o ṅapaṅitimouer -o̱ e/-o̱ a/-o̱ o	minipaṅitijimouer -o̱ e/-o̱ a/-o̱ o minipaṅitimouer -o̱ e/-o̱ a/-o̱ o	mụpaṅitijimouer -o̱ e/-o̱ a/-o̱ o mụpaṅitimouer -o̱ e/-o̱ a/-o̱ o	500
Classifier 29 (30) powi [powi]				
powitijimo-u̱e/-u̱a/-u̱o	ṅapowitijimo-u̱e/-u̱a/-u̱o	minipowtijimoi -u̱e/-u̱a/-u̱o	mụpowitijimo -u̱e/-u̱a/-u̱o	5
powita -o̱ e/-o̱ a/-o̱ o	ṅapowita -o̱ e/-o̱ a/-o̱ o	minipowita -o̱ e/-o̱ a/-o̱ o	mụpowita -o̱ e/-o̱ a/-o̱ o	10
powirumae -o̱ e/-o̱ a/-o̱ o	ṅapowrumaei -o̱ e/-o̱ a/-o̱ o	minipowirumae -o̱ e/-o̱ a/-o̱ o	mụpowirumae -o̱ e/-o̱ a/-o̱ o	20
powitimoe -o̱ e/-o̱ a/-o̱ o	ṅapowtimoe -o̱ e/-o̱ a/-o̱ o	minipowitimoe -o̱ e/-o̱ a/-o̱ o	mụpowitimoe -o̱ e/-o̱ a/-o̱ o	30
powitimae -o̱ e/-o̱ a/-o̱ o	ṅapowitimae -o̱ e/-o̱ a/-o̱ o	minipowitimae -o̱ e/-o̱ a/-o̱ o	mụpowitimae -o̱ e/-o̱ a/-o̱ o	50
powidumae -o̱ e/-o̱ a/-o̱ o	ṅapowidumae -o̱ e/-o̱ a/-o̱ o	minipowidumae -o̱ e/-o̱ a/-o̱ o	mụpowidumae -o̱ e/-o̱ a/-o̱ o	90
powitebui -u̱ e/-u̱ a/-u̱ o	ṅapowitebui -u̱ e/-u̱ a/-u̱ o	minipowitebui -u̱ e/-u̱ a/-u̱ o	mụpowitebui -u̱ e/-u̱ a/-u̱ o	100
powirobui -u̱ e/-u̱ a/-u̱ o	ṅapowirobui -u̱ e/-u̱ a/-u̱ o	minipowirobui -u̱ e/-u̱ a/-u̱ o	mụpowirobui -u̱ e/-u̱ a/-u̱ o	200
powitijubui -u̱ e/-u̱ a/-u̱ o	ṅapowitijubui -u̱ e/-u̱ a/-u̱ o	minipowitijubui -u̱ e/-u̱ a/-u̱ o	mụpowitijubui -u̱ e/-u̱ a/-u̱ o	300
powitijimouer -o̱ e/-o̱ a/-o̱ o powitimouer -o̱ e/-o̱ a/-o̱ o	ṅapowitijimouer -o̱ e/-o̱ a/-o̱ o ṅapowitimouer -o̱ e/-o̱ a/-o̱ o	minipowitijimouer -o̱ e/-o̱ a/-o̱ o- minipowitijimouer -o̱ e/-o̱ a/-o̱ o	mụpowitijimouer -o̱ e/-o̱ a/-o̱ o mụpowitimouer -o̱ e/-o̱ a/-o̱ o	500
Classifier 30 (3) ra [rhæ]				
ratijimo -u̱e/-u̱a/-u̱o	ṅaratijimo -u̱e/-u̱a/-u̱o	miniratijimo-u̱e/-u̱a/-u̱o	mụratijimo -u̱e/-u̱a/-u̱o	5
rata -o̱ e/-o̱ a/-o̱ o	ṅarata -o̱ e/-o̱ a/-o̱ o	minirata -o̱ e/-o̱ a/-o̱ o	mụrata -o̱ e/-o̱ a/-o̱ o	10
rarumae -o̱ e/-o̱ a/-o̱ o	ṅararumae -o̱ e/-o̱ a/-o̱ o	minirarumae -o̱ e/-o̱ a/-o̱ o	mụrarumae -o̱ e/-o̱ a/-o̱ o	20
ratimoe -o̱ e/-o̱ a/-o̱ o	ṅaratimoe -o̱ e/-o̱ a/-o̱ o o	miniratimoe -o̱ e/-o̱ a/-o̱ o	mụratimoe -o̱ e/-o̱ a/-o̱ o	30
ratimae -o̱ e/-o̱ a/-o̱ o	ṅaratimae -o̱ e/-o̱ a/-o̱ o	miniratimae -o̱ e/-o̱ a/-o̱ o	mụratimae -o̱ e/-o̱ a/-o̱ o	40

radumae -o̱ e/-o̱ a/-o̱ o	ṅaradumae -o̱ e/-o̱ a/-o̱ o	miniradumae -o̱ e/-o̱ a/-o̱ o	mụradumae -o̱ e/-o̱ a/-o̱ o	90
ratebui -u̱ e/-u̱ a/-u̱ o	ṅaratebui -u̱ e/-u̱ a/-u̱ o	miniratebui -u̱ e/-u̱ a/-u̱ o	mụratebui -u̱ e/-u̱ a/-u̱ o	100
rarobui -u̱ e/-u̱ a/-u̱ o	ṅararobui -u̱ e/-u̱ a/-u̱ o	minirarobui -u̱ e/-u̱ a/-u̱ o	mụrarobui -u̱ e/-u̱ a/-u̱ o	200
ratijubui -u̱ e/-u̱ a/-u̱ o	ṅaratijubui -u̱ e/-u̱ a/-u̱ o	miniratijubui -u̱ e/-u̱ a/-u̱ o	mụratijubui -u̱ e/-u̱ a/-u̱ o	300
ratijimouer -o̱ e/-o̱ a/-o̱ o ratimouer -o̱ e/-o̱ a/-o̱ o	ṅaratijimouer -o̱ e/-o̱ a/-o̱ o ṅaratimouer -o̱ e/-o̱ a/-o̱ o	miniratijimouer -o̱ e/-o̱ a/-o̱ o miniratimouer -o̱ e/-o̱ a/-o̱ o	mụratijimouer -o̱ e/-o̱ a/-o̱ o mụratimouer -o̱ e/-o̱ a/-o̱ o	500
Classifier 31 (28) re/rä [rre]				
rätijimo -u̱e/-u̱a/-u̱o	ṅarätijimo -u̱e/-u̱a/-u̱o	minirätijimo -u̱e/-u̱a/-u̱o	mụrätijimo -u̱e/-u̱a/-u̱o	5
räta -o̱ e/-o̱ a/-o̱ o	ṅaräta -o̱ e/-o̱ a/-o̱ o	miniräta -o̱ e/-o̱ a/-o̱ o	mụräta -o̱ e/-o̱ a/-o̱ o	10
rärumae -o̱ e/-o̱ a/-o̱ o	ṅarärumae -o̱ e/-o̱ a/-o̱ o	minirärumae -o̱ e/-o̱ a/-o̱ o	mụrärumae -o̱ e/-o̱ a/-o̱ o	20
rätimoe -o̱ e/-o̱ a/-o̱ o	ṅarätimoe -o̱ e/-o̱ a/-o̱ o	minirätimoe -o̱ e/-o̱ a/-o̱ o	mụrätimoe -o̱ e/-o̱ a/-o̱ o	30
rätimae -o̱ e/-o̱ a/-o̱ o	ṅarätimae -o̱ e/-o̱ a/-o̱ o	minirätimae -o̱ e/-o̱ a/-o̱ o	mụrätimae -o̱ e/-o̱ a/-o̱ o	50
rädumae -o̱ e/-o̱ a/-o̱ o	ṅarädumae -o̱ e/-o̱ a/-o̱ o	minirädumae -o̱ e/-o̱ a/-o̱ o	mụrädumae -o̱ e/-o̱ a/-o̱ o	90
rätebui -u̱ e/-u̱ a/-u̱ o	ṅarätebui -u̱ e/-u̱ a/-u̱ o	minirätebui -u̱ e/-u̱ a/-u̱ o	mụrätebui -u̱ e/-u̱ a/-u̱ o	100
rärobui -u̱ e/-u̱ a/-u̱ o	ṅarärobui -u̱ e/-u̱ a/-u̱ o	minirärobui -u̱ e/-u̱ a/-u̱ o	mụrärobui -u̱ e/-u̱ a/-u̱ o	200
rätijubui -u̱ e/-u̱ a/-u̱ o	ṅarätijubui -u̱ e/-u̱ a/-u̱ o	minirätijubui -u̱ e/-u̱ a/-u̱ o	mụrätijubui -u̱ e/-u̱ a/-u̱ o	300
rätijimouer -o̱ e/-o̱ a/-o̱ o --rätimouer -o̱ e/-o̱ a/-o̱ o	ṅarätijimouer -o̱ e/-o̱ a/-o̱ o ṅarätimouer -o̱ e/-o̱ a/-o̱ o	minirätijimouer -o̱ e/-o̱ a/-o̱ o minirätimouer -o̱ e/-o̱ a/-o̱ o	mụrätijimouer -o̱ e/-o̱ a/-o̱ o mụrätimouer -o̱ e/-o̱ a/-o̱ o	500
Classifier 32 (29) tete/dete [rere]				
tetetijimo -u̱e/-u̱a/-u̱o	ṅatetetijimo-u̱e/-u̱a/-u̱o	minitetetijimo -u̱e/-u̱a/-u̱o	mụtetetijimo-u̱e/-u̱a/-u̱o	5
teteta -o̱ e/-o̱ a/-o̱ o o	ṅateteta -o̱ e/-o̱ a/-o̱ o	miniteteta -o̱ e/-o̱ a/-o̱ o	mụteteta -o̱ e/-o̱ a/-o̱ o	10
teterumae -o̱ e/-o̱ a/-o̱ o	ṅateterumae -o̱ e/-o̱ a/-o̱ o	miniteterumae -o̱ e/-o̱ a/-o̱ o	mụteterumae -o̱ e/-o̱ a/-o̱ o	20
tetetimoe -o̱ e/-o̱ a/-o̱ o	ṅatetetimoe -o̱ e/-o̱ a/-o̱ o	minitetetimoe -o̱ e/-o̱ a/-o̱ o	mụtetetimoe -o̱ e/-o̱ a/-o̱ o	30
tetetimae -o̱ e/-o̱ a/-o̱ o	ṅatetetimae -o̱ e/-o̱ a/-o̱ o	minitetetimae -o̱ e/-o̱ a/-o̱ o	mụtetetimae -o̱ e/-o̱ a/-o̱ o	40
tetedumae -o̱ e/-o̱ a/-o̱ o	ṅatetedumae -o̱ e/-o̱ a/-o̱ o	minitetedumae -o̱ e/-o̱ a/-o̱ o	mụtetedumae -o̱ e/-o̱ a/-o̱ o	90
tetetebui -u̱ e/-u̱ a/-u̱ o	ṅatetetebui -u̱ e/-u̱ a/-u̱ o	minitetetebui -u̱ e/-u̱ a/-u̱ o	mụtetetebui -u̱ e/-u̱ a/-u̱ o	100

teterobui -u̱ e/-u̱ a/-u̱ o	ṅateterobui -u̱ e/-u̱ a/-u̱ o	miniteterobui -u̱ e/-u̱ a/-u̱ o	mụteterobui -u̱ e/-u̱ a/-u̱ o	200
tetetijubui -u̱ e/-u̱ a/-u̱ o	ṅatetetijubui -u̱ e/-u̱ a/-u̱ o	minitetetijubui -u̱ e/-u̱ a/-u̱ o	mụtetetijubui -u̱ e/-u̱ a/-u̱ o	300
tetetijimouer -o̱ e/-o̱ a/-o̱ o tetetimouer -o̱ e/-o̱ a/-o̱ o	ṅatetetijimouer -o̱ e/-o̱ a/-o̱ o ṅatetetijimouer -o̱ e/-o̱ a/-o̱ o	minitetetijimouer -o̱ e/-o̱ a/-o̱ o minitetetimouer -o̱ e/-o̱ a/-o̱ o	mụtetetijimouer -o̱ e/-o̱ a/-o̱ o mụtetetimouer -o̱ e/-o̱ a/-o̱ o	500
Classifier 33 wa/ wa [wa]				
wa̱tijimo -u̱e/-u̱a/-u̱o	ṅawa̱tijimo-u̱e/-u̱a/-u̱o	miniwa̱tijimo -u̱e/-u̱a/-u̱o	mụwa̱tijimo -u̱e/-u̱a/-u̱o	5
wa̱ta -o̱ e/-o̱ a/-o̱ o	ṅawa̱ta -o̱ e/-o̱ a/-o̱ o	miniwa̱ta -o̱ e/-o̱ a/-o̱ o	mụwa̱ta -o̱ e/-o̱ a/-o̱ o	10
wa̱rumae -o̱ e/-o̱ a/-o̱ o	ṅawa₌rumae -o̱ e/-o̱ a/-o̱ o	miniwa₌rumae -o̱ e/-o̱ a/-o̱ o	mụwa₌rumae -o̱ e/-o̱ a/-o̱ o	20
wa̱timoe -o̱ e/-o̱ a/-o̱ o	ṅawa̱timoe -o̱ e/-o̱ a/-o̱ o	miniwa̱timoe -o̱ e/-o̱ a/-o̱ o	mụwa̱timoe -o̱ e/-o̱ a/-o̱ o	30
wa̱timae -o̱ e/-o̱ a/-o̱ o	ṅawa̱timae -o̱ e/-o̱ a/-o̱ o	miniwa̱timae -o̱ e/-o̱ a/-o̱ o	mụwa̱timae -o̱ e/-o̱ a/-o̱ o	50
wa̱dumae -o̱ e/-o̱ a/-o̱ o	ṅawa̱dumae -o̱ e/-o̱ a/-o̱ o	miniwa̱dumae -o̱ e/-o̱ a/-o̱ o	mụwa̱dumae -o̱ e/-o̱ a/-o̱ o	90
wa̱tebui -u̱ e/-u̱ a/-u̱ o	ṅawa̱tebui -u̱ e/-u̱ a/-u̱ o	miniwa̱tebui -u̱ e/-u̱ a/-u̱ o	mụwa̱tebui -u̱ e/-u̱ a/-u̱ o	100
wa̱robui -u̱ e/-u̱ a/-u̱ o	ṅawa̱robui -u̱ e/-u̱ a/-u̱ o	miniwa₌robui -u̱ e/-u̱ a/-u̱ o	mụwa̱robui -u̱ e/-u̱ a/-u̱ o	200
wa̱tijubui -u̱ e/-u̱ a/-u̱ o	ṅawa̱tijubui -u̱ e/-u̱ a/-u̱ o	miniwa̱tijubui -u̱ e/-u̱ a/-u̱ o	mụwa̱tijubui -u̱ e/-u̱ a/-u̱ o	300
wa̱tijimouer -o̱ e/-o̱ a/-o̱ o wa̱timouer -o̱ e/-o̱ a/-o̱ o	ṅawa̱tijimouer -o̱ e/-o̱ a/-o̱ o ṅawa̱timouer -o̱ e/-o̱ a/-o̱ o	miniwa̱tijimouer -o̱ e/-o̱ a/-o̱ o miniwa̱timouer -o̱ e/-o̱ a/-o̱ o	mụwa̱tijimouer -o̱ e/-o̱ a/-o̱ o mụwa̱timouer -o̱ e/-o̱ a/-o̱ o	500
Classifier 34 (33) wime [wiime]				
wimetijimo-u̱e/-u̱a/-u̱o	ṅawimetijimo-u̱e/-u̱a/-u̱o	miniwimetijimo -u̱e/-u̱a/-u̱o	mụwimetijimo -u̱e/-u̱a/-u̱o	5
wimeta -o̱ e/-o̱ a/-o̱ o	ṅawimeta -o̱ e/-o̱ a/-o̱ o	miniwimeta -o̱ e/-o̱ a/-o̱ o	mụwimeta -o̱ e/-o̱ a/-o̱ o	10
wimerumae -o̱ e/-o̱ a/-o̱ o	ṅawimerumae -o̱ e/-o̱ a/-o̱ o	miniwimerumae -o̱ e/-o̱ a/-o̱ o	mụwimerumae -o̱ e/-o̱ a/-o̱ o	20
wimetimoe -o̱ e/-o̱ a/-o̱ o	ṅawimetimoe -o̱ e/-o̱ a/-o̱ o	miniwimetimoe -o̱ e/-o̱ a/-o̱ o	mụwimetimoe -o̱ e/-o̱ a/-o̱ o	30
wimetimae -o̱ e/-o̱ a/-o̱ o	ṅawimetimae -o̱ e/-o̱ a/-o̱ o	miniwimetimae -o̱ e/-o̱ a/-o̱ o	mụwimetimae -o̱ e/-o̱ a/-o̱ o	50
wimedumae -o̱ e/-o̱ a/-o̱ o	ṅawimedumae -o̱ e/-o̱ a/-o̱ o	miniwimedumae -o̱ e/-o̱ a/-o̱ o	mụwimedumae -o̱ e/-o̱ a/-o̱ o	90
wimetebui -u̱ e/-u̱ a/-u̱ o	ṅawimetebui -u̱ e/-u̱ a/-u̱ o	miniwimetebui -u̱ e/-u̱ a/-u̱ o	mụwimetebui -u̱ e/-u̱ a/-u̱ o	100
wimerobui -u̱ e/-u̱ a/-u̱ o	ṅawimerobui -u̱ e/-u̱ a/-u̱ o	miniwimerobui -u̱ e/-u̱ a/-u̱ o	mụwimerobui -u̱ e/-u̱ a/-u̱ o	200
wimetijubui -u̱ e/-u̱ a/-u̱ o	ṅawimetijubui -u̱ e/-u̱ a/-u̱ o	miniwimetijubui -u̱ e/-u̱ a/-u̱ o	mụwimetijubui -u̱ e/-u̱ a/-u̱ o	300
wimetijimouer -o̱ e/-o̱ a/-o̱ o wimetimouer -o̱ e/-o̱ a/-o̱ o	ṅawimetijimouer -o̱ e/-o̱ a/-o̱ o ṅawimetimouer -o̱ e/-o̱ a/-o̱ o	miniwimetijimouer -o̱ e/-o̱ a/-o̱ o miniwimetimouer -o̱ e/-o̱ a/-o̱ o	mụwimetijimouer -o̱ e/-o̱ a/-o̱ o mụwimetimouer -o̱ e/-o̱ a/-o̱ o	500
Classifier 35 (23)				

wõri/wori/wöri [wʌri]				
wöritijimo -ụe/-ụa/-ụo	ṅawöritijimo -ụe/-ụa/-ụo	miniwöritijimo -ụe/-ụa/-ụo	mụwöritijimo -ụe/-ụa/-ụo	5
wörita -ọ e/-ọ a/-ọ o	ṅawörita -ọ e/-ọ a/-ọ o	miniwörita -ọ e/-ọ a/-ọ o	mụwörita -ọ e/-ọ a/-ọ o	10
wörirumae -ọ e/-ọ a/-ọ o	ṅawörirumae -ọ e/-ọ a/-ọ o	miniwörirumae -ọ e/-ọ a/-ọ o	mụwörirumae -ọ e/-ọ a/-ọ o	20
wöritimoe -ọ e/-ọ a/-ọ o	ṅawöritimoe -ọ e/-ọ a/-ọ o	miniwöritimoe -ọ e/-ọ a/-ọ o	mụwöritimoe -ọ e/-ọ a/-ọ o	30
wöritimae -ọ e/-ọ a/-ọ o	ṅawöritimae -ọ e/-ọ a/-ọ o	miniwöritimae -ọ e/-ọ a/-ọ o	mụwöritimae -ọ e/-ọ a/-ọ o	50
wöridumae -ọ e/-ọ a/-ọ o	ṅawöridumae -ọ e/-ọ a/-ọ o	miniwöridumae -ọ e/-ọ a/-ọ o	mụwöridumae -ọ e/-ọ a/-ọ o	90
wöritebui -ụ e/-ụ a/-ụ o	ṅawöritebui -ụ e/-ụ a/-ụ o	miniwöritebui -ụ e/-ụ a/-ụ o	mụwöritebui -ụ e/-ụ a/-ụ o	100
wörirobui -ụ e/-ụ a/-ụ o	ṅawörirobui -ụ e/-ụ a/-ụ o	miniwörirobui -ụ e/-ụ a/-ụ o	mụwörirobui -ụ e/-ụ a/-ụ o	200
wöritijubui -ụ e/-ụ a/-ụ o	ṅawöritijubui -ụ e/-ụ a/-ụ o	miniwöritijubui -ụ e/-ụ a/-ụ o	mụwöritijubui -ụ e/-ụ a/-ụ o	300
wöritijimouer -ọ e/-ọ a/-ọ o wöritimouer -ọ e/-ọ a/-ọ o	ṅawöritijimouer -ọ e/-ọ a/-ọ o ṅawöritimouer -ọ e/-ọ a/-ọ o	miniwöritijimouer -ọ e/-ọ a/-ọ o miniwöritimouer -ọ e/-ọ a/-ọ o	mụwörtijimouer -ọ e/-ọ a/-ọ o mụwörtimouer -ọ e/-ọ a/-ọ o	500
Classifier 36 (39) wũr/wur/wür [wɨr]				
würitijimo -ụe/-ụa/-ụo	ṅawüritijimo -ụe/-ụa/-ụo	miniwüritijimo -ụe/-ụa/-ụo	mụwüritijimo -ụe/-ụa/-ụo	5
würita -ọ e/-ọ a/-ọ o	ṅawürita -ọ e/-ọ a/-ọ o	miniwürita -ọ e/-ọ a/-ọ o	mụwürita -ọ e/-ọ a/-ọ o	10
würirumae -ọ e/-ọ a/-ọ o	ṅawürirumae -ọ e/-ọ a/-ọ o	miniwürirumae -ọ e/-ọ a/-ọ o	mụwürirumae -ọ e/-ọ a/-ọ o	20
würitimo -ọ e/-ọ a/-ọ o	ṅawüritimo -ọ e/-ọ a/-ọ o	miniwüritimo -ọ e/-ọ a/-ọ o	mụwüritimo -ọ e/-ọ a/-ọ o	30
würitimae -ọ e/-ọ a/-ọ o	ṅawüritimae -ọ e/-ọ a/-ọ o	miniwüritimae -ọ e/-ọ a/-ọ o	mụwüritimae -ọ e/-ọ a/-ọ o	50
würidumae -ọ e/-ọ a/-ọ o	ṅawüridumae -ọ e/-ọ a/-ọ o	miniwüridumae -ọ e/-ọ a/-ọ o	mụwüridumae -ọ e/-ọ a/-ọ o	90
würitebui -ụ e/-ụ a/-ụ o	ṅawüritebui -ụ e/-ụ a/-ụ o	miniwüritebui-ụ e/-ụ a/-ụ o	mụwüritebui -ụ e/-ụ a/-ụ o	100
würirobui -ụ e/-ụ a/-ụ o	ṅawürirobui -ụ e/-ụ a/-ụ o	miniwürirobui -ụ e/-ụ a/-ụ o	mụwürirobui -ụ e/-ụ a/-ụ o	200
würitijubui -ụ e/-ụ a/-ụ o	ṅawüritijubui -ụ e/-ụ a/-ụ o	miniwüritijubui -ụ e/-ụ a/-ụ o	mụwüritijubui -ụ e/-ụ a/-ụ o	300
würitijimouer -ọ e/-ọ a/-ọ o würitimouer -ọ e/-ọ a/-ọ o	ṅawüritijimouer -ọ e/-ọ a/-ọ o ṅawüritimouer -ọ e/-ọ a/-ọ o	miniwüritijimouer -ọ e/-ọ a/-ọ o miniwüritimouer -ọ e/-ọ a/-ọ o	mụwüritijimouer -ọ e/-ọ a/-ọ o mụwüritimouer -ọ e/-ọ a/-ọ o	500

Examples:

601.
bain murowa matijũñen mururaõa erra Ex 26:24
object+CONS NEII+two+MED corner+3S.POS NEII+two+CL30[3]+MED AB+wood
objects for the two corners are those two planks]

602.
wo nim amwedu mũrabweijũa eraroian Ex 28:25
2S.DEP MOD put.down NEII+two+CL7[18/19]+MED AB+chain
you should place downwards those two chains

603.
e eaij tafel ñana epe ñana arura ñan tekei mururao amo Ex 34:4
3S.DEP cut table E+MED.P AB+stone E+MED.P two+CL30[3] E+MED.P+ like NEII+two+CL30[3]+DIST first
he cut those two stone tablets which were like the first two tablets

604.
amwedu murumaõa edabwike iat etabañabañ Ex37:5
place.down NEII+two+CL21[4]+MED AB+wood in+3S.POS AB+ring
(he) placed those two poles into the rings

605.

wo nim idotu lebona ñea ã eõ kamwararoei ean mũrarreõa Le 24:7
2S.DEP MOD pour.out lebona E+MED 3S.DEP NEG mix+APPL on+3S.POS NEII+two+CL31[28]+MED
you should pour out lebona that is not mixed with it on those two rows

606.

wam esel ñan õgõro eat ibũm ñaijũbũmuo enuawen,
RPOS+2S.POS donkey E+MED.P+ run on+3S.POS AB+day E+three+CL5[11]+DIST 3S.DEP+go+PERF
wo nim eõ õmararan ũra 1Sa 9:20
2S.DEP MOD NEG remember 3P.OBJ
your donkeys, those that ran off on those three days now past, do not keep them in mind

607.

A nan gadũg aijimae mwit dobonara itañin tekei ia A kearoei
1S.DEP UNR strain three+CL21[4] end+CONS bow by+3S.POS like COND 1S.DEP take.aim+APPL
itema ion 1Sa 20:20
AB+mark INDF
I will aim three arrows alongside it as if I take aim at a marker

608.

nua ko, mõ õni mijimaõa mwit dobonara…kania, mwit dobonara ñaijimao iruwũm…
go COMM & fetch NEII+three+CL21[4]+MED end+CONS bow look end+CONS bow E+three+CL21[4]+DIST behind+2S.POS
kania, mwit dobonara ñaijimao ian obwõm 1Sam 20:21,22
look end+COND bow E+three+CL21[4]+DIST in+3.POS front+2S.POS
go and fetch those three arrows…look, those three arrows those three behind you…look, those three arrows which are in front of you

609.
aro ebwer in ficus ñarabwerõa ã ñaeow ian obwen maneabin Jehova Je 24:1
two AB+basket CONS fig E+two+CL6[32]+MED 3s place in+3s front+3s house+3s Jehovah
two baskets of figs, which two baskets they placed before the temple of Jehovah

610.
mũrebõe eb Eze 35:10
NEII+two+CL10[15]+MED AB+land
these two pieces of land here

611.
bwe omo aw eken ia wo metuw iat itimor ia dogedog tuwom ea am roduw
for 3S.DEP+good to+2S.OBJ INDF+CL20[21] COND 2S.DEP go.in+DIR9 in+3S.POS AB+live COND blemish flesh+2S.POS to GPOS+2S.POS go.down+DIR9
iat hell ian bita e ngea eab ima, ngaga eo dogedog mururaoa bem Mark 9:42 1976
in+3S.POS hell in+3S.POS NEIII+MED AB+ fire E+MED UNR.NEG die TEMP+MED NEG blemish NEII+two+CL30[3]+MED hand+2S.POSs
for it is better for you if you enter into life if your flesh is maimed than your going down into hell into the fire that never dies, when your two hands are unblemished

612.
me oeagida ura mururaoa ben Mark 10:16 1976
& place 3P.OBJ NEII+two+CL30[3]+MED hand+3S.POS
and he laid his two hands upon them

613.
mwa kania ko mururaoa beo me mururaoa nano Lu 24:39 1976
2P.DEP look COMM NEII+two+CL30[30]+MED hand+1S.POS & NEII+two+CL30[3]+MED foot+1S.POS
look at my two hands and my two feet!

614.
tin ia murowe meo eitiok eedwotow ean mururaoa ben uiten mwit ener John 20:25 1976
COND NEII+two+PROX eye+1S.POS PREI see+SUCC+DIR on+3S.POS NEII+two+CL30[3]+MED hand+3S.POS wound+ONSs end+CONS AB+nail
if these two eyes of mine have not yet successfully seen on those two hands of his the wounds of the nail ends...

615.
re biritagag memag memag eow ean mureboa Judea me Samaria Ac8:1 1976
3P.DEP disperse all all DIR on+S.POS NEII+two+CL10[15]+MED Judea & Samaria
they scattered them all in the two lands of Judea and Samaria

616.
eadon ea kamie mururaoa mwimar 2Co 6:11 1976
loosen+PERF to 2P.OBJ NEII+two+CL30[3]+MED mouth+1D.EXC.POS
our two mouths are now open to you

617.
bwe murowa met Demoniba ar mwaiy ngabuna eimwi deidein, me mururaoa yingen aura detaro 1Pe 3:12 1976
for NEII+two+MED eye+CONS Lord 3D.DEP face E+ANIM.P+MED right manner+3S.POS & NEII+two+CL30[3]+MED ear+3S.POS GPOS+3P.POS prayer
for those two eyes of the Lord are before those ones whose way is upright and those two ears of his (to) their prayers

618.
opuduw ean amaein [sic: aimaen] ean mwimaoa maeit ekaw Rev 8:10 1976
3s+fall+DIR9 on+3S.POS one+CL21[4] on+3S.POS NEII+three+CL21[4]+MED part+CONS AB+river
and it fell onto one part out of those three parts of the river-system

619.

amerumena uror murueoa olive me murowa yoret telamp Re 11:4 1976
male+two+ANIM+MED 3D.IND NEII+two+CL27[6]+MED olive & NEII+two+MED post+CONS lamp[
those two men are those two olive trees and those two lamp-stands

620.

bita iwin obwaedun ian oeron aimaein ean mwiyimaoa ebwakit etetang Re 12:4 1976
NEIII+MED tail+3S.POS draw+DIR8 heaven one+CL21 on+3s NEII+three+CL21[4]+MED numerous+CONS AB+star
his tail draws down from heaven one part out of three parts the number of the stars

621.

tekeiy nanat bear mururaoa nanan Re 13:2 1976
like foot+CONS bear NEII+two+CL30[3]+MED foot+3S.POS
its two feet are as the feet of a bear

622.

ögaroä renemim ngeijine: oämeij ön mijibueraoa mehl oaijibum Nuw 20:6
FAC+clear dream+2S.POS E+CL11[7]+PROX sign+APPL COM NEII+three+CL6[32]+MED grain FV+three+CL5[11]
these words make clear your dream: those three baskets signify three days

623.

oquötirot imin inno me inno eow Agypten me Josef öpapoij müñana baban weizen e reñon
fill+SUP+COM AB+thing yonder & yonder DIR Egypt & Joseph FAC+bring.together+APPL NEII+MED.P seed+CONS wheat 3S.DEP remain
ian müaeijua eobani in indeed Nuw 22:1
in+3S.POS NEII+seven+MED AB+year CONS harvest
surplus of things from all over Egypt and Joseph made to bring together wheat seed that remained in those seven years of harvest

624.

muijiraoa ran müäna areij ekä o aijibum Nuw20:4
NEII+three+CL30[3]+MED branch+3S.POS NEII+CL27[6]+MED 3T.DEP make FV+three+CL5[11]
those three branches they stood for three days

625.

araran müaraoa ingit oag me mäwuiduen oag ia Nuw 28:4
shake+PERF NEII+four+CL30[3]+MED corner+CONS house & collapse+PERF house MED
those four corners of the house then shook and that house collaped

626.

o boñeboñe ön mürüraoa bän män Nuw31:2
3S.DEP cover+RED COM NEII+two+CL30[3]+MED hand+3S.POS eye+3S.POS
he covered over his face with his two hands

627.

kania e ijäduten ian oeron etetagei ouwak ñaran e ouda ean müaraoa iñin NuwNT 90:2
look 3S.DEP let.down+PERF heaven AB+cloth big E+CL30[3]+MED+ 3S.DEP hang on+3S.POS NEII+four+CL30[3]+MED corner+3SPOS
look, a large sheet hung by its four corners was let down from heaven

628.

mürabueijuwa eraroian ör eadödan inibän NuwNT 91:3
NEII+two+CL7[18/19]+MED AB+chain 3D.DEP drop+DIR8 LOC+hand+3S.POS
those two chains dropped from his hands

629.
oeijo ko ean mürürawa nanam me eimui ko! NuwNT 92:7
stand COMM on+3S.POS NEII+two+CL30[3]+MED foot+2S.POS & straight COMM
stand up! upright on your two feet!

630.
a eäṅ mụrane, a eö eäṅ *mụruraoa* NG216
1S.DEP like NEII+CL30[3]+PROX 1S.DEP NEG like NEII+two+CL30[3]+MED
I like this object presenting a flat surface, I don't like those two objects presenting a flat surface (context: mats being discussed)

631.
a eäṅ mụbäne, a eö eäṅ *mụrabäoa* NG216
1S.DEP like NEII+CL3[8]+PROX 1S.DEP NEG like NEII+two+CL3[8]+MED
I like this coconut palm frond, I don't like those two (coconut palm fronds)

632.
wo ömarreni öa ijök *minibümitimoeoa* ar mäg imago? NG218
2S.DEP remember+APPL or no NEI+CL5[11]+30+MED 1D.EXC.DEP DWELL LOC+high.seas
do you not remember those thirty days you and I spent on the high seas

633.
iruwin *mijibumaoa* me amea Pharao i nat tük öredoan a uw am mogur in amo Nuw 20:4
after+3S.POS NEII+three+CL5[11]+MED & male+MED Pharao UNR still bring+COM2 to 2S.OBJ GPOS+2S.POS work CONS first
after those three days the Pharao wil yet return to you your work of before

634.
mijibueraoa mehl oaijibụm Nuw 20:6
NEII+three+CL6[32]+MED flour FV+three+CL5[11]
those three basket contents of flour are three days3

635.
mõ õãõbañei *mijimaõa* ewew Ge 30:37
and FAC+pattern.with.stripes+APPL NEII+three+CL21[4]+MED AB+staff
and he made stripe patterns on those three long, rigid objects (context: staffs being discussed)

636.
ewew *ñaijimaõ* o ogiten õãõbañei Ge 30:38
AB+staff E+three+CL21[4]+MED COMPL FAC+pattern.with.sripes+APPL
those three staffs he had made stripe patterns on

637.
o oija añen arura tafel *ñaruraõa* tafel it Edogor ñana ata,
give to+VNI+PERF two+CL30[3] tablet E+two+CL30[3]+MED tablet CONS AB+law E+MED.P ten
ñaruraõa epe *ñaruraõa* ã eareõt tiniben Gott Ex 31:18
E+two+CL30[3]+MED AB+stone E+two+CL30[3]+MED 3S.DEP write+COM finger+3S.POS God
he then gave to him two tablets, those two tablets of the ten commands, those two flat stones, those two (tablets) that were written with the finger of God

638.
murumaõa edabwike Ex 37:5
NEII+two+CL21[4]+MED AB+wood
those two long, rigid wooden objects (context: two poles being discussed)

639.

ean *mururaõa* mwit etañ in etad idũra Ex 37:7

on+3S.POS NEII+two+CL30[3]+MED edge+CONS AB+place CONS 3S.DEP+loosen AB+sin

on those two flat edges of the place for losening sin, i.e. on both ends of the place for forgiving sins (context: referring to the two ends of the cover to the Ark of the Covenant)

640.

mwit edabwike *ñarumaõ* õpwijõriõr ñarumaõ õbadetsi Is 7:4

edge+CONS AB+wood E+two+CL21[4]+DIST 3S.DEP+burn+SUP E+two+CL21[4]+DIST 3S.DEP+smoke

the ends of the lengths of wood, those burn intensly, those smoke, i.e. the stumps, those two burning intensly and smoldering

641.

ta imur me ro orean a eoning ibun bwe enim oeagida

only later & 3P.DEP bring to AB+young some for 3S.DEP+MOD place

ea ngabuna *mururaoa* ben me detaroeiy ura Matt 19:13 1976

to E+ANIM.P+MED NEII+two+CL30[3]+MED hand+3S.POS & pray+APPL 3P.OBJ

later they brought to him some children so that he might place on them his two hands and pray over them

642.

ngaga og in oeagida ea ngabuna *mururaoa* ben me bwaoedat atin ina Matt 19:15 1976

TEMP+MED finish CONS place to E+ANIM.P+MED NEII+two+CL30[3]-+MED hand+3S.POS & depart from+3S.POS there

when he finished placing his two hand on those ones, he departed from there

643.

inan oiyon ngabuna won engel ngabuna ouwak nungin wongara trumpet
UNR send E+ANIM.P+MED RPOS+3S.POS angel E+ANIM.P+MED big noise+CONS GPOS+3S.POS trumpet
me mibuna ri nan oepwepwoiy ngabuna e iy, atin ian *muaraoa* engin
& NEI+ANIM.P+MED 3P.DEP UNR FAC+together+RED+APPL E+ANIM.P+MED 3S.DEP choose from+3S.POS in+3S.POS NEII+four+CL30[3]+MED AB+wind
atin ian aniwiwin oerot eran me togi ean ngarana eran Matt 24:31 1976
from+3S.POS in+3S.POS extremity+3S.POS cloud INDF+CL30[3] & end on+3S.POS E+CL30[3]+MED INDF+CL30[3]
he will send out his three angels those ones the sound of their trumpets in great and those ones will gather together those ones he chooses from those four winds , from the extremily of a cloud to another cloud [the extremity of the heavens]

644.

oren ngabuna me okwon *muraoa* ekwo, ouge bwe eniy me ro beduyowen Lu 5:7 1976
come+PERF E+ANIM.P+MED & 3S.DEP+fill NEII+two+CL12[5]+MED AB+canoe say for AV & 3P.DEP capsize+PERF
those ones then came and filled those two craft, such that they almost had capsized

645.

eitune orareon renimen *mururaoe* nano me omog on mungana iren tubwin Lu 7:44 1976
female+PROX FAC+wet+COM tear+3S.POS NEII+two+CL30[3]+PROX foot+1S.POS & FAC+dry COM NEII+MED.P hair+3CONS head+3S.POS
this woman wetted these my two feet with her tears and made (them) dry with those her head-hair

646.

eitune obidotet eir in kabit *mururaoe* nano Lu 7:46 1976
female+PROX anoint+COM+PERF AB+oil CONS CAUS+anoint NEII+two+CL30[3]+PROX foor+1S.POS
this woman made to anoint these two feet of mine with the oil of anointing

647.

mwa kania ko *mururaoa* beo me *mururaoa* nano Lu 24:39 1976
2P.DEP look COMM NEII+two+CL30[3]+MED hand+2S.POS & NEII+two+CL30[3]+MED foor+1S.POS
look, my two hand and my two feet

648.

amen kereri ! kania, ipudutubwin *ngaruraoe*. me eiy ouge a ura : ogen mana Lu 22:38 1976
male+CONS CAUS+learn lookd AB+sword E+two+CL30+PROX & 3S.IND say to 3P.OBJ finish+PERF NEI+MED.P
Teacher! look, these two swords! and he said to them: those things are enough

649.

me eed ian oeron bwe eadon me imin ngea idume ngea orodun ituga
& see in+3 cloud for loosen+PERF & AB+thing E+MED AB+packet E+MED 3s+descend+DIR8 above
me tekeiy deideit linen eaen ouwak ngaena eiyeduan on *muraoa* [sic: muaraoa] ingit
& like manner+CONS linen INDF+CL1[16] big E+CL1[16]+MED 3s+let.down+DIR8 COM NEII+four+CL30[3]+MED corder+3S.POS
adun ian oeron eaduw eat eb Acts 10:11 1976
down+DIR8 in+3S.POS cloud down+DIR9 on+3S.POS AB+land
and (I) saw in heaven that it was already loosed and a packeted thing that was coming down from above, and it was like in its manner a large patch of linen, that patch was being let down by those four corners down from heaven and down to earth

650.

bwe ieow ita amea, ngea opwoiyien *murumaoa* me eke aimaen Eph 2:14 1976
for AB+peace only male+MED E+MED 3S.DEP+together+APPL+PERF NEII+two+CL21[4](fig.use)+MED & make one+CL21[4](fig.use)
[for he is Peace, the one who has gathered together those two groups of people and made them one group (with reference to Jews and non-Jews being made one)

651.

me ongen aimaen ean *mwiyimaoa* meit [sic: maeit] eb,
& burn.up+PERF one+CL21[4] in+3S.POS NEII+three+CL21[4]+MED part+CONS AB+land,
me ongen aimaen ean *mwiyimaoa* maein ebwakit imin ero
and burn.up+PERF one+CL21[4] on+3S.POS NEII+three+CL21[4]+MED part+CONS numerous+CONS AB+thing 3S.DEP+grow
me ongen memag mungana ibugibugi ngan etiok ema Re 8:7 1976
& burn.up+PERF all NEII+MED.P AB+grass E+MED.P+ PREI 3S.DEP.+die
and one part out of three parts of the earth were burned up, and one part out of three parts of the many trees were burned up, and all the grasses that had not yet died were burned up

652.

me eiyiet era aimaen ean *mwaiyimaoa* maeit emago Re 8:8 1976
& 3S.IND+PERF AB+blood one+CL21[4] on+3S.POS NEII+three+CL21[4]+MED part+CONS AB+open.sea
and one part out of three parts of the open sea became blood

653.

eman aimaein ean *mwiyimaoa* mwaein ebwakin mungana imin iat iyited
3S.DEP+die+PERF one+CL21[4] on+3S.POS NEII+three+CL21[4]+MED part+CONS numerous NE+MED.P AB+thing in+3S.POS ocean
mungan etimor, me ekeowen aimaen ean *mwiyimaoa* maein ebwakit deimwanu Re 8:9 1976
NEII+MED.P 3S.POS+live & be.no+DIR+PERF one+CL21[4] on+3S.POS NEII+three+CL21[4]+MED part+CONS numerous+CONS ship
one part out of three parts of the numerous things in the ocean were already dead, those living things, and one part out of three parts of the numerous ships ceased to be

654.

me opuduw ean amaein ean *mwimaoa* [sic: mwiyimaoa] maeit ekaw me kewin angen mungana bogen eren Re8:10
& 3S.DEP+fall+DIR9 on+3S.POS one+CL21[4] on+3S.POS NEII+three+CL21[4]+MED part+CONS AB+stream & join to+PERF NEII+MED.P well
and it fell on to one part out of three parts of the streams and then joined to those wells

655.

egen bita etetang bwe Wormwood, me Wormwooden aimaein ean *mwiyimaoa* ebog
name+3S.POS NEIII+MED AB+star for Wormwood & Wormwood+PERF one+CL21[4] on+3S.POS NEII+three+CL21[4]+MED AB+water
me engame ebwak r eman ngag obwao aditen mimana ebog Re 8:11 1976
& AB+person numerous 3P.DEP die+PERF TEMP+MED 3S.DEP+split gall+PERF NEI+CL21[4]+MED AB+water
the name of that star was Wormwood, and one part out of three parts of the water became Wormwood and many men then died when those parts of the water were then made bitter

656.

eirawoten aimaein ean *mwiyimaoa* maeit ekwan me aimaein ean *mwiyimaoa* maein maraman
3S.DEP+strike+SUC+PERF one+CL21[4] on+3S.POS NEII+three+CL21[4]+MED part+CONS AB+sun & one+CL2[4] on+3S.POS NEII+three+CL21[4]+MED part+CONS moon
me aimaein ean *mwiyimaoa* maein ebwakin mungana etetang me iturugagon ngamana ean
& one+CL21[4]e) on+3S.POS NEII+three+CL21[4]+MED part+CONS numerous+CONS NEII+MED.P AB+star & AB+dark+SUP+PERF E+CL21[4]+MED on+3S.POS
mwiyimaoa maiureiy, ouga bwe eo eaoen aimaein ean *mwiyimaoa* maeit eran
NEII+three+CL21[4]+MED shame+3T.GERt be.so for NEG light+PERF one+CL21[4] on+3S.POS NEII+three+CL21[4]+MED part+CONS AB+daytime
me titabo ngamana maeit ibum Re 8:12 1976
& similar E+CL21[4]+MED part+CONS AB+night
one part out of three parts of the sun were completely struck, and one part out of three parts of the moon and one part out of three parts of the many stars, and it was then very dark those parts by those three parts their shame, so there was then no light on one part out of three parts of daylight and similarly those parts of nighttime

657.

opwapwer burioura ngabuna heiden, ngabuna bwain ean *muaraoa* ingit eb Re 20:8[7] 1976
FAC+err innards+3P.POS E+ANIM.P+MED gentiles E+ANIM.P+MED object+3S.POS on+3S.POS NEII+four+CL30[3]+MED corner+CONS AB+land
make to err repeatedly the hearts of those Gentiles, those ones --- on the four corners of the earth

658.
emeg ina iwugagain medenan me ina ean *muruaoa* [sic: mururaoa] erurun gorurin bogen kaw ia,
3S.DEP+dwell there between+3S.POS way+3S.POS & there on+3S.POS NEII+two+CL30[3]+MED side+3S.POS flow+CONS water+CONS stream MED,
muena bwait itimor, ngoena aworita me aro an okwa Re 22:2 1976
NEII+CL27[6]+MED object+CONS AB+live E+CL27[6]+MED NP+CL35[23]+ten & two GPOS+3S.POS fruit
there was there in between the path and there on both sides of the flowing waters of that stream, that tree of life, the one that had twelve crops of fruit

659.
ateng otubwa Members dogin *mururaoa* Bills before the House hsd-11p-19940625
1S.DEP+wish thank Members reason+3S.POS NEII+two+CL30[3]+MED Bills before the House
I wish to thank the Members for those two Bills before the House

35.3. Compound Classificatory Demonstrative Nunmeral.

The Compound Classificatory Demonstrative Numeral follows the same pattern as the Compound Demonstrative Numeral (Section 33.1).

The first part of the compound numeral is the simple classificatory cardinal numeral and bears the emphatic prefix (*nga-*) or one of the non-emphatic prefixes (excluding *bit-* forms), i.e. *min-* or *mu-*. The last element, which is the simple form of the classificatory demonstrative numeral, bears a spatial suffix. Any numbers in between are the simple Cardinal Numerals.

Table 54. Indicative Table of compound Classificatory Demonstrative Numeral (using CL29 powi)

11	12	13	14	15 etc
ṅapowita m aiquön -o̱ e	ṅapowita m aro -u̱ e	ṅapowita m aiju -u̱ e	ṅapowita m aeoq-o̱ e	ṅapowita m aijimo -o̱ e
21	22	23	24	25 etc
ṅapowiruma m aiquön -o̱ e	ṅapowiruma m aro -u̱ e	ṅapowituma m aiju -u̱ e	ṅapowiruma m aeoq -o̱ e	ṅapowiruma m aijimo -o̱ e
31	32	33	34	35 etc
ṅapowitimo m aiquön -o̱ e	ṅapowitimo m aro -u̱ e	ṅapowitimo m aiju -u̱ e	ṅapowitimo m aeoq -o̱ e	ṅapowitimo m aijimo -o̱ e
41	42	43	44	45 etc
ṅapowin o amma m aiquön -o̱ e	ṅapowin o amma m aro -u̱ e	ṅapowin o amma m aiju -u e	ṅapowin o amma m aeoq -o̱ e	ṅapowin o amma m aijimo -o̱ e
51	52	53	54	55 etc
ṅapowitima m aiquön -o̱ e	ṅapowitima m aro -u̱ e	ṅapowitima m aiju -u̱ e	ṅapowitima m aeoq -o̱ e	ṅapowitima m aijimo -o̱ e
61	62	63	64	65 etc
ṅapowin o aṅo m aiquön -o̱ e	ṅapowin o aṅo m aro -u̱ e	ṅapowin o aṅo m aiju -u̱ e	ṅapowin o aṅo m aeoq -o̱ e	ṅapowin o aṅo m aijimo -o̱ e

Examples:

660.
ṅarata m aroo̱e itüber NG62
E+CL30[3]+ten & two+PROX AB+mat
these 12 mats

661.
mụtetetimo me aṅoo̱e
NEII+CL32[29]+30 & six+PROX
these 36 generations

662.
ṅabümin o amma m auijuu̱e
E+cl5[11] FV 40 & eight+PROX
these 48 days days

663.
ṅaoätebu m aṅoma m auijuu̱o
E+CL12[5]+100 & 60 & eight+DIST
those 168 trees yonder

664.
ṅabuätin adau̱er me amma m aṅoo̱a
E+CL7[18/19] 900 & 40 & 6+MED
those 946 strings

ṅamarin o aro earaṅan me arobu me auijumo m adoo̧a ikumo
E+CL23[22] FV two AB+1000+CONS & two+100 & 80 & nine+MED AB+pig
those 2289 pieces of pork

36. Usage in relative clauses

As link words in relative clauses, *Nauru Grammar* (NG63) states that classificatory demonstratives "are used in the singular only". In the plural the general demonstratives are used.

37. Notes

[1] - Nauru Congregational Church 1887 – 1987, p 12.

[2] - (1) PacCONDic Islands Monthly, Vol. 11, No. 4, p 21; (2) Father Alois Kayser and the Recent History of the Nauruan language, *in* Nauru Grammar by Alois Kayser MSC, edited by Karl H.M. Rensch (p I – XIII). Embassy of the Federal Republic of Germany, ACT, Australia. 1993.

[3] - (1) Chiefs of Baitsi, Papers of Camilla Wedgwood, National Library of Australia;
(2) Nauru Detudamo 17.II.35, p 10. Papers of Camilla Wedgwood, National Library of Australia.

[4] – 'Micronesian' in this paper is used to describe the group of languages sharing the same common ancestor language that developed from the earlier ancestor language referred to as 'Proto-Oceanic' – itself a descendent of the original ancestor language referred to as 'Proto-Austronesian'. The major member languages of the Micronesian group of languages are (alphabetically): Carolinian, Chuukese-Mortlockese, Kiribati, Kosraean, Marshallese, Mwokilese, Nauruan, Pingelapese, Pohnpeian, Puluwatese, Satawalese, Sonsorolese, Ulithian, and Woleaian.

Micronesian, used as a cultural/geographic area, includes (in addition to the above):

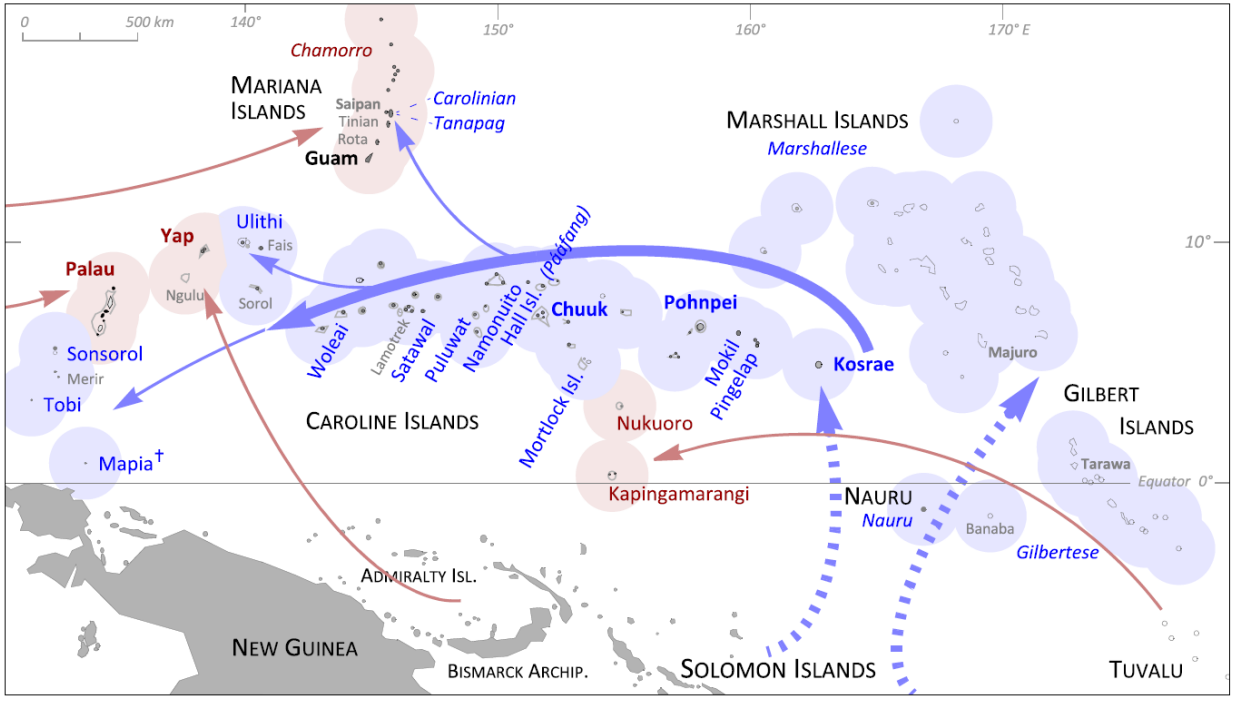
(a) the people of Belau, and the Chamorro people of Guam and the Mariana Islands (the languages of these two peoples are more closely related to the languages of the Philippines, and these two peoples appear to have been in-situ far longer than any of the other groups);

(b) the people of Yap (who predated the arrival of the peoples now speaking the Micronesian group of languages, but whose language descended from Proto-Oceanic);

(c) the people of the atolls of Kapingamarangi and Nukuoro, who are members of the Polynesian group of languages (also descended from Proto-Oceanic), who are more recent neighbours.

Map : Micronesian Expansion (from Andrea Bender and Sieghard Beller, 'Ways of counting in Micronesia', Historia Mathematica 56)

Micronesian pathways in blue, non-Micronesian ones in dark red.
Shaded circles indicate a 100-mile radius around islands, the average distance of an overnight voyage (Marck, 1986)



[5] – see Frederick H. Jackson, On determining the external relationships of the Micronesian languages, 1986.

[6] - Another contributory factor to the change in Nauruan culture and language stability must be attributed to the cruelty perpetrated against the Nauruan people by the Imperial Japanese Forces during the 2nd World War.

At the outbreak of the war in 1940 the Nauruan people numbered 1800 (Report to the Council of the League of Nations on the Administration of Nauru during the year 1940, page 25).

Following the invasion and occupation of Nauru by the Imperial Japanese Forces on 26th August 1942, a horrendous situation befell the Nauruans. Mistreatment and food shortages

were daily sufferings until liberation by the Australian armed forces on 13th September 1945 (Tanaka 2010).

This was compounded by the forced removal of 1200 Nauruans to the Chuuk archipelago in 1943 where mistreatment and starvation resulted in a 38% fatality rate. The gatekeepers of Nauruan custom were decimated: the 1933 Census enumerated 65 Nauruans aged 60 years and above (4 % of the population of 1540). By 1948, out of 1448 Nauruans only 15 Nauruans (1%) were aged 60 years and above (Commonwealth Bureau of Census and Statistics Bulletin No.7, 1934; Report to the General Assembly of the United Nations 1949).

38. References.

Abo, Takaji, Byron B. Bender, Alfred Capelle, and Tony DeBrum. 1976. Marshallese-English Dictionary. University of Hawaii Press.

Aikhenvald, Alexandra Y. 2003. Classifiers: A typology of noun classification devices. Oxford University Press.

Akmajian, Adrian.1970. On deriving cleft sentences from pseudo-cleft sentences. Linguistic Inquiry Vol. 1, No. 2, pages 149-168.

Bachet, Peter and René van den Berg. 2006. Vitu Grammar Sketch. Data Papers on Papua New Guinea Languages Vol. 51. Summer Institute of Linguistics, Ukarumpa, PNG.

Ballantyne, Keira. 1999. Reduplication in Yapese: A case of syllable copying. Toronto Working Papers in Linguistics Vol.16 No.2. University of Toronto

Ballantyne, Keira Gebbie. 2005. Textual Structure and Discourse Prominence in Yapese Narrative. University of Hawaii.

Barker, Chris. 1998. Partitives, Double Genitives, and Anti-Uniqueness. Natural Language and Linguistic Theory 16:679-717.

Barker, Xavier. 2012. English Language as Bully in the Republic of Nauru. In: Rapatahana, Vaughan and Pauline Bunce (editors). English Language as Hydra: Its Impacts on Non-English Language Cultures (Volume 9 of Linguistic Diversity and Language Rights). Multilingual Matters, June 22, 2012.

Bender, Andrea, Beller, Sieghard. 2006. Numeral Classifiers and Counting Systems in Polynesian and Micronesian Languages: Common Roots and Cultural Adaptations. Oceanic Linguistics Vol. 45, No. 2 (Dec., 2006), pp. 380-403.

Bender, Andrea, Beller, Sieghard, 2007. Numeral Classifiers in Specific Counting Systems: Cultural Context, Linguistic Principles, and Cognitive Implications. Proceedings of the 29th Annual Conference of the Cognitive Science Society.

http://csjarchive.cogsci.rpi.edu/Proceedings/2007/docs/p821.pdf accessed 10/09/2010

Andrea Bender and Sieghard Beller. 2021. 'Ways of counting in Micronesia'. Historia Mathematica 56.

Bender, Byron W. 1969. Spoken Marshallese: an intensive language course with grammatical notes and glossary. University of Hawaii.

Bender, Byron W. 1971. Micronesian languages. In Current Trends in Linguistics, vol. 8, Linguistics in Oceania, ed. by Thomas A. Sebeok, pp. 426-465. Mouton.

Bender, Byron W. Studies in Micronesian Linguistics. 1984. Pacific Linguistics Series C -No. 80.

Bender, Byron W., Goodenough, Ward H., Jackson, Frederick H., Marck, Jeffrey C., Rehg, Kenneth L., Ho-min Sohn, Ho-min. 2003. Proto-Micronesian Reconstructions – 1. Oceanic Linguistics 42(1):1-110.

Berg van , René, Bachet, Peter. 2006. Vitu Grammar Sketch. Data Papers on Papua New Guinea Languages Vol. 51. Summer Institute of Linguistics, Ukarumpa, PNG.

Bible. Gilbertese. The Bible Society in the South Pacific. 1979

Bibel: ñaran aen Gott ñarana Testament Õbwe me Testament Etsimeduw õañan. 1918. American Bible Society (Philip A. Delaporte, Timothy Detudamo, Jacob Aroi et al.).

Bingham, Hiram. 1908. A Gilbertese-English Dictionary. Boston: American Board of Commissioners for Foreign Missions.

Blevins, Juliette and Garrett, Andrew. 1992. Ponapean Nasal Substitution: New Evidence for Rhinoglottophilia. Proceedings of the Eighteenth Annual Meeting of the Berkeley Linguistics Society.

Blevins, Juliette and Kaufman, Daniel 2012. Origins of Palauan Intrusive Velar Nasals. Oceanic Linguistics 51(1):18-32.

Blust, Robert A. 1984. Malaita-Micronesia:An eastern Oceanic subgroup? J. Polynesian Society 93:99-140.
120

Blust, Robert A. 1988. The Austronesian Homeland: A linguistic perspective. Asian Perspectives XXVI:45-67.

Blust, Robert A. 1995. The position of Formosan languages: Methods and theory in Austronesian comparative linguistics. In Austronesian Studies relating to Taiwan, P.J.-K. Li, ed. Symposium Series of the Institute of History and Philology, Academia Sinica 385-650. Taipei.

Blust, Robert A. 2000. Chamorro Historical Phonology 1. Oceanic Linguistics 39(1):83-122.University of Hawai'i.

Blust, Robert. 2013. The Austronesian languages. Australian National University ebook.

Botma, Engbert D. 2004. Landelijke Onderzoekschool Taalwetenschap [Netherlands Graduate School of Linguistics]; Phonological Aspects of Nasality: An Element-Based Dependency Approach.

Bowden, John. 1993. An Introduction to Oceanic linguistic prehistory. Dhumbadji! vol. 1 no. 2, May 1993; pp. 15-27.

Bradshaw, Joel. 1995. Review of A grammar and lexicon of Loniu, Papua New Guinea by Patricia J Hamel. In: Oceanic Linguistics 34(June 1995):248-251. U of Hawai'i.

Bril, Isabelle. Coordination strategies and inclusory constructions in New Caledonian and other Oceanic languages. hal.archives-ouvertes.fr/docs/00/04/88/21/PDF/coord_Bril.def.pdf accessed 25/09/2009

Brown, Dunstan, Palmer, Bill. 2006. On the syntactic status of Oceanic possessive 'classifiers'. UKARG abstracts. University of Surrey.

Brownie, John, Brownie, Marjo. 2007. Mussau grammar essentials. Data Papers on Papua New Guinea Languages, 52. Ukarumpa, Papua New Guinea: SIL-PNG.

Bwina Ema Nan Tik Timor. 2014. Christian Congregation of Jehovah's Witnesses.

Capell, Arthur. 1954. A linguistic survey of the South-Western Pacific. South Pacific Commission.

Chung, Je-Soon. Orthography Paper for Mekeo Language in Central Province of Papua New Guinea. SIL. 1995. /s/ insertion Commission, Project S.6, Report No.1

Commonwealth of Australia. 1941. Report to the Council of the League of Nations on the Administration of Nauru during the year 1940.

Commonwealth of Australia. 1934. Commonwealth Bureau of Census and Statistics Bulletin No.7

Commonwealth of Australia. 1949. Report to the General Assembly of the United Nations on the Administration of the Territory of Nauru.

Connel, J. 1983. Migration, Employment and Development in the South Pacific, Country Report No.9: Nauru. South Pacific Commission.

Crowley, Terry, Lynch, John, Ross, Malcolm. 2013. The Ocanic Languages. Routledge

Delaporte, Phillip A. 1907. Kleines Taschenwörterbuch, Deutsch-Nauru. Nauru Missionsdruckerei.

Di Piazza, Anne, Pearthree, Erik. 1999. The spread of the 'Lapita people': a demographic simulation. Journal of Artificial Societies and Socialo Simulatiuon vol. 2, no.3

Dryer, Matthew S. 2003. Clause Types. To appear in Language Typology and Syntactic Description, Vol.1 Clause Structure, ed. Timothy Shopen. Cambridge University Press.

Dryer Matthew S. 2005A. Position of Pronominal Possessive Affixes. www: linguistics.buffalo.edu/people/faculty/dryer accessed 20/10/2010

Dryer, Matthew S. 2005B. "Polar questions". In *The World Atlas of Language Structures*, ed. by Martin Haspelmath, Matthew S. Dryer, David Gil, and Bernard Comrie. Oxford University Press.

Dryer, Matthew S. 2007. Clause Types in Language Typology and Syntactic Description. Volume 1. Clause Structure. Cambridge University Press.

Dyen, Isidore. 1965. A Sketch of Trukese Grammar. American Oriental Society.

Eberhard, David. 2004. Mamainde prestopped nasals. SIL Electronic Working Papers.
http://www.sil.org/system/files/reapdata/13/27/12/132712323977154557835326189629292606906/silewp2004_002.pdf accessed 23/02/2015

Ekegen Ngea Gott Tengeiy Atsin Turita? 1997. Christian Congregation of Jehovah's Witnesses.

François, Alexandre. 2005. A typological overview of Mwotlap. Linguistic Typology 9-1:115-146.

François, Alexandre. 2005. Unraveling the History of Vowels of Seventeen Northern Vanuatu Languages. Pacific Linguistics 44:2. Honolulu: University of Hawai'i.

Franjieh, Michael J. 2012. Possessive Classifiers in North Ambrym, a Language of Vanuatu: Explorations in Semantic Classification. The School of Oriental and African Studies, University of London.

Franklin, Karl J., Kerr, Harland B., Beaumont, Clive H.1974. Tolai language course. 3rd ed. Language Data Asian-Pacific Series, 7. Ukarumpa, Papua New Guinea: Summer Institute of Linguistics.

Gallagher, Steve, Baehr, Peirce. 2005. Bariai Grammar Sketch. Data Papers on Papua New Guinea Languages Vol.49. Ukarumpa: SIL

Gallagher, Steve, compiler. 2008-. *Bariai dictionary West New Britain province, Papua New Guinea.* Ukarumpa, EHP, Papua New Guinea: Summer Institute of Linguistics. xvii, 289 p. http://www.sil.org/pacific/png/abstract.asp?id=50214

Gosden C Allen J Ambrose W Anson D Golson J Green R Kirch PV Lilley I Specht J Spriggs M. 1989. Lapita sites of the Bismarck Archipelago. Antiquity 63:561-586.

Greenhill, S.J., Blust. R, & Gray, R.D. (2008). The Austronesian Basic Vocabulary Database [internet link: http://language.psy.auckland.ac.nz/austronesian/]

Grimble, Sir. Arthur Francis. 1933. The Migration of the Pandanus People. Memoirs of the Polynesian Society No.12. New Plymouth, N.Z.

Grimble, Sir. Arthur Francis. Migrations, myth and magic from the Gilbert Islands: early writings of Sir Arthur Grimble. Arrranged and illustrated by Rosemary Grimble. London: Routledge and Kegan Paul, 1972. ISBN 0 7100 7164 7 122

Groves, Terab'ata R, Groves Gordon W, Jacobs Roderick A. 1985. Kiribatese: an outline description. Pacific Linguistics Series D No. 64. Australian National University.

Gundel, Jeanette K. 1977. Where do Cleft Sentences come from? Language Vol. 53, No. 3

Gallagher Steve Baehr Peirce. 2005. Bariai Grammar Sketch. Data Papers on Papua New Guinea Languages Vol.49. Ukarumpa: SIL

Gil, David. 2013. Numeral Classifiers http://wals.info/chapter/55, accessed on 2023-02-11

Gosden C Allen J Ambrose W Anson D Golson J Green R Kirch PV Lilley I Specht J Spriggs M. 1989. Lapita sites of the Bismarck Archipelago. Antiquity 63:561-586.

Hage, Per; Marck, Jeffrey. 1994. Proto-Micronesian Kin Terms, Descent Groups, and Interisland Voyaging. Oceanic Linguistics. Vol. 41, No.1.

Hagège, Claude, and André-Georges Haudricourt. 1978. La phonologie panchronique. Le Linguiste. Paris: Presses Universitaires de France.

Hale, Mark. 1998. Diachronic aspects of Micronesian clause structure. Canadial Journal of Linguistics 43:341-357.

Hall, Nancy. 2011. Vowel Epenthesis in The Blackwell Companion to Phonology, Vol. III

Hambruch, Paul. 1914.1. Ergebnisse Der Südsee-Expedition 1908-1910: II. Ethnographie: B. Mikronesien, Band 1: Nauru, 1 Halbband. Hamburg: L. Friederichsen & Co.

Hambruch, Paul. 1914.2. Die Sprache von Nauru (Verwaltungsbezirk der Marshallinseln). L. Friederichsen & Co., Hamburg

Hambruch, Paul. 1915. Ergebnisse Der Südsee-Expedition 1908-1910: II. Ethnographie: B. Mikronesien, Band 1: Nauru, 2 Halbband. Hamburg: L. Friederichsen & Co.

Harrison, Sheldon P. 1976. Mokilese Reference Grammar. The University Press of Hawai'i.
Harrison Sheldon P Jackson Frederick H. Higher numerals in several Micronesian languages Studies in …, 1984 - Dept. of Linguistics, Research …

Harrison Shelly.1988. A plausible history for Micronesian possessive classifiers. Oceanic Linguistics 26:63-78

Harrington Jonathan. The Phonetics and Phonology of Australian Aboriginal Languages

www.ling.mq.edu.au/speech/phonetics/phonology/aboriginal/index.html

Hattori, Ryoko. 2004. Pingilapese particles e and ae: Their grammatical categories and functional differences. August 6, 2004. The Syntax of the World's Languages Conference 2004. Max Planck Institute. Leipzig, Germany.

Hattori, Ryoko. 2012. Preverbal particles in Pingelapese. Dissertation Univ of Hawaii

Hicks, Barbara and Takuya, Nagaoka. 2004. The Ethnomathematics of Mwoakilloa Atoll, Micronesia. Pohnpei State Government. http://libra.msra.cn/Publication/10810791/theethnomathematics-of-mwoakilloa-atoll-micronesia

Hill, P.J., Jacobson, G. 1989. 'Structure and Evolution of Nauru Island, Central Pacific Ocean', Australian Journal of Earth Sciences, vol 36, pp. 365-381.

Hockings, John. 1987. Built Form and Culture – A Theoretical Appraisal Supported by a Case Study of the Dwelling House in the Gilbert Islands, West Pacific Ocean. Architecture & Comportment/ Architecture & Behaviour Vol 3 No 4 p 281-300

Hooley, Bruce A. 2007. A Central Buang text. [Manuscript] 85 p. http://www.sil.org/pacific/png/abstract.asp?id=49126

Hooley, Bruce A., compiler. 2006-. Mapos Buang dictionary. [Manuscript] 407 p. http://www.sil.org/pacific/png/abstract.asp?id=49641

Hough, David A. 1974. Summary of Nauruan Phonology. University of Hawai'i.

Hughes, Kevin. 2020. The Synchronic and Diachronic Phonology of Nauruan: Towards a Defifinitive Classification of an Understudied Micronesian Language. The City University of New York.

Hurford, John R. Languages Treat 1 -4 Specially: Commentary of Stanislas Dehaene's Precis of The Number Sense. http://www.lel.ed.ac.uk/~jim/dehaene.html accessed 09/01/2015

Hurford, James R. The Interaction between numerals and nouns. http://www.lel.ed.ac.uk/~jim/eurofinal.pdf accessed 11/01/2015

Ijen Eow Ngune Eb?. 2014. Christian Congregation of Jehovah's Witnesses.

Intoh, Michiko 1999 Cultural contacts between Micronesia and Melanesia. "In, Galipaud, J-C. and I. Liley (eds.)" Le Pacifique de 5000 a 2000 avant le Present: Supplements a l'histoire d'une Colonisation. pp.407-422.Paris, Editions de IRD (Institut de Recherche pour le developpement)

Itô, Junko. 1989. A prosodic theory of epenthesis.Natural Language & Linguistic Theory volume 7, pages217–259.

Jackson FH. 1983. the internal and external relationships of the Trukic languages of Micronesia.University of Hawai'i.

Jackson, Frederick H. 1986. On determining the external relationships of the Micronesian languages. Geraghty, P., Carrington, L. and Wurm, S.A. editors. FOCAL II: Papers from the Fourth International Conference on Austronesian Linguistics. Pacific Linguistics Series C – No.94.The Australian National University

Jacob, Peter. 2000. The status of marine resources and coral reefs of Nauru. The International Coral Reef Initiative Regional Symposium Coral Reefs in the Pacific.

Johnson, Lisa M. 2002. Nauruan Classifiers. Brigham Young University, Dept of Linguistics.

Johnson, Lisa. n.d.New Perspectives in Nauruan Phonology
https://ojs.lib.byu.edu/spc/index.php/DLLS/article/viewFile/31359/29818 accessed 23/02/2015

Jones, Alan A. 1998. Towards a lexicogrammar of Mekeo. Canberra: Pacific Linguistics

Kaufman, Daniel and Blevins, Juliette. 2012. Origins of Palauan Intrusive Velar Nasals. Oceanic Linguistics 51(1):18-32.Kayser, Alois. 1915A. Buch it Dedaro. Mission Katholik, Nauru

Kayser, Alois. 1915. Nuwawit testament obuä me Nuwawit testament etimeduw - Biblische Geschichte von Dr. J. Schuster, von Kayser ins Nauruische übersetzt. Westfälische Vereinsdruckerei, Münster.

Kayser, Aloys. 1916. Verwendung einzelner Köperteile nach dem Tode. Hiltruper Monatshefte 33 (8), 347-350.

Kayser, Alois.1917/1918, "Die Eingeborenen von Nauru (Südsee). Eine kritische Studie" (1917/1918); Anthropos XII/XII: 313/337

Kayser, Alois. 1921/1922. Spiel und Sport auf Naoero. Anthropos XVI-XVII p.681 – 711Kayser, Alois. 1923/1924. Spiel und Sport auf Naoero (Schluß). Anthropos XVIII-XIX p.297 - 328

Kayser, Alois. 1925. "Catechismus Nea Panän Nuwawit Kereri Nea Catholic. E gadauw eow itürin"; William Brooks & Co., Sydney

Kayser, Alois. 1928. Ölgewinnung auf Nauru. Zeitschrift für Ethnologie. p. 353 - 362

Kayser, Alois. 1934A. Der Pandanus auf Nauru. Anthropos XXIX. P.775 - 791

Kayser, Aloys. 1934B. Book it Detaro. Apost. Vic. of Gilbert and Ellice Islands. Halstead Printing, Sydney

Kayser, Alois. 1936A. Die Fischerei auf Nauru (Pleasant Island), in Mitteilungen der Anthropologische Gesellschaft in Wien, Vol. LXVI. P.92 – 131 & 149 - 204

Kayser, Aloys. 1936B. Nauru Grammar. (edited by Karl HM Rensch 1993, published by the Embassy of the FR of Germany in Nauru) Kayser, Alois. 1936; also issued by Nauru Administration in 1937 as *A Nauruan Grammar*.

Kayser, Alois. 1976. Nuwawit Testament Etimeduw. Catholic Mission Republic of Nauru. Bar-le-Duc, Meuse, France: Imprimerie Saint-Paul, 1976

Kennedy, Bob. 2005. Reflexes of initial germination in Western Micronesian languages. 12th meeting of the Austronesian Formal Linguistics Association, University of California.

Key, Mary R. , Commrie Bernard et al. Online resource lingweb.eva.mpg.de

Klein, Wolfgang. 1994. Time in Language. London: Routledge

Koch, Gerd. 1986. The material culture of Kiribati. English Translation by Guy Slatter. Institute of Pacific Studies, Univ. of the South Pacific. Suve, Fiji.

Kuteva Tania; Aarts, Bas; Popova, Gergana; Abbi Anvita. 2019. The grammar of 'non-realization, in Studies in Language (December 2019).

Lean, Glendon A. 1992. Counting Systems of Papua New Guinea and Oceania. PNG U of Technology.

Lee, Kee-Dong. 1975. Kusaiean Reference Grammar (p 252-253). University Press of Hawaii.

Lewis, David. 1972. We, the Navigators: The Ancient Art of Landfinding in the Pacific.

Lichtenberk Frantisek.1985. Possessive CONSTRUCTIONS IN Ocean Languages and in Proto-Oceanic
https://openresearch-repository.anu.edu.au/bitstream/1885/253432/1/PL-C88.93.pdf

Lichtenberk Frantisek. 2000. Inclusory Pronominals. Oceanic Linguistics 39.1:1-32. Univ of Hawai'i.

Lichtenberk Frantisek. 2006. Attributive Possessive Constructions and the relational nonrelational noun distinction in Oceanic languages and in English. CRLC Seminar Series, ANU

Lichtenberk, Frantisek. 2008. A Grammar of Toqabaqita Vol. 2 (p 934). Mouton de Gruyter

Lichtenberk, Frantisek. Oceanic Possessive Classifiers. 2009. Oceanic Linguistics 48(2):379-402

Lien, Chinfa. 2000. Denasalization, vocalic nasalization and related issues in Southern Min: a dialectal and comparative perspective. In Memory of Professor Li Fang- Kuei: Essays on Linguistic Change and the Chinese Dialects. Taipei: Institute of Linguistics (Preparatory Office), Academia Sinica

Lithgow, David and Daphne Lithgow, compilers. 2007. Muyuw-English dictionary. [Manuscript]
69 p. http://www.sil.org/pacific/png/abstract.asp?id=49233

Lotherington, Heather. 1998. Trends and Tensions in Post-colonial Language Education in the South Pacific. International Journal of Bilingual Education and Bilingualism Vol. 1, No. 1

Lum JK Cann RL Martinson JJ Jorde LB 1998, Mitochondrial and nuclear genetic relationships among Pacific Islanders and Asian populations, American Journal of Human Genetics 63(2):613-624

Lum JK Heathcote GM 1998, Genetic relationships of Micronesian Populations: A project update, Anthropology Resource and Research Center Non-technical Report Series No.1 University of Guam.

Lum JK. 1998. Central and Eastern Micronesia: Genetics, the overnight voyage, and linguistic divergence. Man and Culture in Oceania 14:69-80

Lum JK 2002, Affinities among Melanesians, Micronesians, and Polynesians: A neutral, Biparental Genetic Prospective, Human Biology 74(3):413-430

Lynch, John. 1996. Proto-Oceanic Possessive-Marking
https://openresearch-repository.anu.edu.au/bitstream/1885/253878/1/PL-C133.93.pdf

Lynch, John. 2000. Reconstructing Proto-Oceanic Stress. Oceanic Linguistics 39(1):53-82

Lynch John Ross Malcolm Crowley Terry. 2002. The Oceanic Languages. Curzon Language Family Studies. Routledge ISBN 0700711287

Marck, Jeffrey C. 1975a. A lexicostatistical model for Nuclear Micronesian origins, settlement, and post-colonzation cultural interaction. Proceedings of the Central States Anthropological Society 1:1-22.

Marck, Jeffrey C.1975b. The origin and dispersal of the Proto Nuclear Micronesians. University of Iowa.

Marck, Jeffrey C. 1986. Micronesian dialects and the overnight voyage. Journal of the Polynesian Society 95(2):253-258.

Marck, Jeffrey C. 1994. Proto Micronesian terms for the physical environment. In Austronesian Terminologies: continuity and change. A.K. Pawley and M. Ross, eds. Pp. 301- 328. Canberra: Pacific Linguistics C-127.

Marck, Jeffrey C. 2002. Proto-Micronesian Kin Terms, Descent Groups, and Interisland Voyaging. Oceanic Linguistics - Volume 41, Number 1, June 2002, pp. 159-170.

Martinet, André. 1970 [1955]. Économie des Changements Phonétiques. Traité de Phonologie Diachronique. Bibliotecha Romanica. Berne: Francke

Martínez-Gil, Fernando.Genonant intrusion in heterosyllabic cosonant-liquid clusters in Old Spanish and Old French:An Optimality theoretical account, in A Romance Perspective on Language Knowledge and Use - Selected papers from the 31st Linguistic Symposium on Romance Languages (LSRL), Chicago, 19–22 April 2001, eds. Rafael Núñez-Cedeño, Luis López, Richard Cameron. 2003.

Morely, Rebecca. 2017. Consonant Epenthesis. https://www.oxfordbibliographies.com/ (Accessed 19/01/2023)

Munro, Ron, and Lauti, Alamanda. 2021. The Forgotten Korean Labourers on Nauru. Royal Asiatic Society Korea, Transactions Vol.95 pages 90-110

Nathan, Geoffrey S. 1973.1. A Grammatical Sketch of Nauruan. University of Hawaii.

Nathan, Geoffrey S. 1973.2. Nauruan in the Austronesian Language Family. Oceanic Linguistics 12:479-501.

Nauru Congregational Church 1887 – 1987.1987. Council for World Mission.

Nauru Parliament Hansard, Government of Nauru.

Nauru 2007 Demographic and Health. 2009. Secretariat of the Pacific Community, Noumea.

Oda,Sachiko.1976.Complementation in Micronesian languages.University of Hawaii Working Papers in Linguistics 42:120.

Õten Am Aia Bibel? 2014. Christian Congregation of Jehovah's Witnesses

Pacific Islands Monthly Vol. 1, No. 5 (Dec. 16, 1930), p 9

Pacific Islands Monthly Vol. 11, No. 4 (Nov. 15, 1940), p 21

Pacific Islands Monthly Vol. 35, No. 8 (Aug. 1, 1964), p 59

Palmer Bill. 1999. A Grammar of the Kokota Language, Santa Isabel, Solomon Islands. PhD University of Sydney.

Pawley AK and Green RC. 1984. The Proto-Oceanic language community. J.Pacific History 19:123-146

Pawley AK Ross M. 1993. Austronesian historical linguistics and culture history. Annual Review of Anthropology 22:425-459

Pearson, Greg and René van den Berg. 2008. Lote grammar sketch. Data Papers on Papua New Guinea Languages, 54. Ukarumpa, Papua New Guinea: SIL-PNG Academic Publications. 160 p. http://www.sil.org/pacific/png/abstract.asp?id=50351

Petit-Skinner, Solange. 1979. Les Pêcheurs de Nauru. Thèse d'État en Ethnologie, Université René Dscartes, Paris

Rainbird P. 1994. Prehistory in the northwest tropical Pacific: the Caroline, Mariana, and Marshall Islands. J. World Prehistory 8:293-349

Reese, Brian J. 2006. The Meaning and Use of Negative Polar Interrogatives. Empirical Issues in Syntax and Semantics 6

Rehg, Kenneth L. 1981. Ponapean reference grammar. Honolulu: University of Hawai'i Press

Rensch, Karl H.M. 1993. Father Alois Kayser and the recent history of the Nauruan language, in Nauru Grammar by Alois Kayser MSC, edited by Karl H.M. Rensch (p I – XIII). Embassy of the Federal Republic of Germany, ACT, Australia

Republic of Nauru. 1996. Nauru Environmental Management Strategy and National Environmental Action Plan. South Pacific Regional Environment Programme, Apia, Samoa

Republic of Nauru. 2006. Nauru Census Main Report 2002. Secretariat of the Pacific Community. Noumea, New Caledonia

Republic of Nauru. 2011. National Report of Population and Housing – Census 2011.

Robbins, Christopher. 2004. Educational multimedia for the South Pacific. The University of the South Pacific Suva, Fiji

Roddy, Kevin M. 2007. A Sketch Grammar of Satawalese. University of Hawai'i

Romero, Maribel and Han Chung-hye.2003. On Negative *Yes/No* Questions. www.ling.upenn.edu/~sanguesa/papers.html

Ross, Malcolm. 1988. Proto-Oceanic and the Austronesian languages of Western Melanesia. Series C-98. Canberra:Pacific Linguistics

Ross, Malcolm D. 1996. Is Yapese Oceanic?, in Bernd Nothofer (ed.) Reconstruction, Classification, Description: Festschrift in Honor of Isidore Dyen. Abera Verlag Meyer & Co.:Hamburg: 122-165

Ross, Malcolm, Andrew Pawley, and Meredith Osmond, eds. 1998. The lexicon of Proto-Oceanic, vol.1, Material Culture. Series C-152. Canberra: Pacific Linguistics.; 2003. Vol.2, The physical environment. No.545. Canberra: Pacific Linguistics

Ross Malcolm. 2003. Possession in Oceanic. HistLing Seminars. Centre for Research on Language Change. Australian National University

Ross Malcolm. 2004, The Morphosyntactic Typology of Oceanic Languages, Language and
Linguistics 5.2:491-541

Rowe, Karen. 2005. Siar-Lak grammar essentials. Data Papers on Papua New Guinea Languages, 50. Ukarumpa: SIL. vii

Sabatier, Fr. E. Gilbertese-English Dictionary, originally compiled in French, translated by S. Olivia . Sidney: South Pacific Commission Publications Bureau, 1971. ISBN 0909563004

Sellman, James D. [n.d.] Living on the Edge in Micronesian Ecological Philosophy. University of Guam

Shon, Ho-Min and Bender, Byron W. 1973.Ulithian Grammar. Australian National University

Simons, Gary F. and Linda Simons. 1977. A vocabulary of Biliau, an Austronesian language of New Guinea, with notes on its development from Proto Oceanic. Working Papers for the Language Variation and Limits to Communication Project, 2. [Ithaca]: Cornell University and

Smith, Carlota S. 2003. Modes of Discourse: The Local Structure of Texts. Cambridge

Sodter, F. 1993. L' Histoire Démographique. Atlas de la Polynésie Francaise. Institut français de recherche scientifique pour le développement en coopération.

Song Jae Jung. 2005. Grammaticalization and structural increase: possessive-classifier based benefactive marking in Oceanic languages. Linguistics43/44, Univ of Otagp.de Gruyter.

Spriggs, MJT. 1997. The Island Melanesians. Blackwell Publishers. Oxford

Starosta Stanley. 1992. The Case-Marking System of Proto-Formosan. Austronesian Circle, Dept. of Linguistics, University of Hawaii

Steinbach, Erwin (1896) Einige Schädel von der Insel Nauru (Pleasant Is.). Berliner Gesellschaft für Anthropologie (Verhandlungen), 545-551.

Steriade, Donca. 1994. Lexical conservatism and its analysis. Selected Papers from SICOL 1997. Linguistic Society of Korea

Tanaka, Yuki. 2010. Japanese Atrocities on Nauru during the Pacific War: The murder of Australians, the massacre of lepers and the ethnocide of Nauruans. The Asia-Pacific Journal: Japan Focus, Volume 8 Issue 45 Number 2.

The World Atlas of Language Structures Online: Zero Copula for Predicate Nominals, Chapter 120. https://wals.info/chapter/120 and 120A (Accessed 22 August 2022)

Trussel, Stephen. 1979. Kiribati (Gilbertese): Grammar Handbook (p 205). Peace Corps Language Handbook Series.

Trussel, Steve. Online source http://www.trussel2.com/mod Marshallese Online Dictionary

Tryon, Darrell T. 1995. Comparative Austronesian Dictionary: An Introduction to Austronesian Studies, Part 1, Volume 1.

Tseng I-Ju Elanna, Durvasula, Karthik. n.d. A Descriptive View of Valency Changing Strategies in Jambi Malay,

Tune Emaga Inga Edae I Nan Keowen? 2014. Christian Congregation of Jehovah's Witnesses.

Turner, Blaine. 1986. A teaching grammar of the Manam language. Data Papers on Papua New Guinea Languages, 34. Ukarumpa: Summer Institute of Linguistics. 147 p.

Vuskovich, Matthew A. 2006. A sociolinguistic perspective toward hiatus resolution in Mexico City Spanish. Louisiana State University

Wedgwood, Camilla Hildegarde. 1935. Chiefs of Baitsi (notes obtained from Thomas Cude, Chief of Police). Papers of Camilla Wedgwood, National Library of Australia

Wedgwood, Camilla Hildegarde. 1935. Nauru Detudamo 17.II.35. (Notes obtained from Timothy Detudamo, Head Chief of Nauru) Papers of Camilla Wedgwood, National Library of Australia

Wedgwood, Camilla Hildegarde. 1936. Report on research work in Nauru Island, Central Pacific. Part 1: in Oceania Vol 6 No 4 (June 1936) p 371

Willson, Heather. 2003. Some Aspects of Marshallese Determiner Phrases
http://linguistics.byu.edu/faculty/hwills1/SomeAspectsoftheMarshalleseDeterminerPhrase.pdf

Willson, Heather. n.d. Marshallese Reduplication
http://linguistics.byu.edu/faculty/hwills1/MarshalleseReduplication.pdf accessed 25/09/2009

Willson, Heather. 2002. The Marshallese Complementizer Phrase . Arizona State University.

Willson, Heather. 2003. A brief introduction to Marshallese phonology. ms, UCLA. https://linguistics.byu.edu/faculty/hwills1/ABriefIntroductiontoMarshallesePhonology.pdf accessed 24/02/2015

Willson, Heather. 2005. Marshallese Yes/No questions and remnant movement. UCLA Working Papers in Linguistics. https://linguistics.byu.edu/faculty/hwills1/MarshalleseYesNoQuestionsAndRemnantMovement.pdf

Willson, Heather. 2007. Remnant movement and the position of the Marshallese question particle. https://linguistics.byu.edu/faculty/hwills1/RemnantMvmtMarshallese.pdf

Willson, Heather. 2008. Subject Positions in Marshallese. https://linguistics.byu.edu/faculty/hwills1/Subject%20Positions%20in%20Marshallese.pdf

Willson, Heather. 2008. Subject position and the Marshallese restructuring configuration. University of Pennsylvania Working Papers in Linguistics. 14: Iss. 1, Article 27 https://repository.upenn.edu/pwpl/vol14/iss1/27/

Willson, Heather. 2010. Passives and Statives in Marshallese: Evidence for two types of "by phrases." University of Pennsylvania Working Papers in Linguistics. 16: Iss. 1, Article 25

Willson, Heather. 2010. Passives and Resultatives in Marshallese. *Oceanic Linguistics*. 49, Vol. 1

Wozna Beata and Wilson Theresa. 2005. Seimat Grammar Essentials. Data Papers on Papua New Guinea Langauges Volume 48. SIL Ukarumpa PNG

Zewen, Francois X. N. 1977. The Marshallese language: A study of its phonology, morphology and syntax. Berlin: Dietrick Reimer.

Z'graggen, J. A. 1975. "Comparative wordlists of the Admiralty Island languages, collected by W. E. Smythe." In Richard Loving (ed.), Comparative wordlists I, 117-216. Workpapers in Papua New Guinea Languages, 14. Ukarumpa: Summer Institute of Linguistics.

Zobel, Erik. 2002. The position of Chamorro and Palauan in the Austronesian family tree. InFay Wouk & Malcolm Ross (eds.) The history and typology of western Austronesian voice systems. Pacific Linguistics: Canberra: Australian National University: 405-434

Footnote 1: Another possible origin of the fused forms for male and females is by using the construct suffix as below:

Proximal: en, female + in, Construct Suffix + une, Proximal Demonstrative, Simple Form
> et + in + une > etin + une [through denasalization]
> etinune > etune [syncopation]
Medial: en, female + in, Construct Suffix + una, Proximal Demonstrative, Simple Form

> et + in + una > etin + una [through denasalization]
> etinuna > etuna [syncopation]
> etuna > eta [syncopation]
Distal: en, female + in, Construct Suffix + uno, Proximal Demonstrative, Simple Form
> et + in + uno > etin + uno [through denasalization]
> etinuno > etuno [syncopation]